

**PACIFIC SALMON COMMISSION
JOINT NORTHERN BOUNDARY TECHNICAL
COMMITTEE REPORT**

**U.S./CANADA NORTHERN BOUNDARY AREA
2011 SALMON FISHERIES MANAGEMENT REPORT
AND 2012 PRELIMINARY EXPECTATIONS**

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EXECUTIVE SUMMARY

This report reviews:

- 1) catch, effort, and management actions in the 2011 Northern Boundary Area troll and net fisheries of southern Southeast Alaska Districts 101 to 108 and northern British Columbia Areas 1, 3, 4, and 5;
- 2) management performance relative to Treaty requirements for pink salmon;
- 3) preliminary expectations and fishing plans for 2012.

2011 Fisheries

The southern Southeast Alaska pink salmon harvest was 11.2 million (Districts 1-8, all harvest code, all gear), which was below the 10-year average of 23.2 million. For all of Southeast Alaska, excluding the Yakutat area, the pink salmon harvest was 58.9 million, which was very close to the preseason forecast of 55 million. The total 2011 Southeast Alaska pink salmon escapement index of 14.3 million index fish was ranked as the 12th highest since 1960, but was slightly below the recent 10-year average of 15.2 million. Biological escapement goals are in place for three subregions in Southeast Alaska and pink salmon escapement goals were reached for all three sub-regions in 2011. Many purse seine vessels moved to northern Southeast Alaska as the season progressed to harvest strong pink salmon returns in that area and this shift in effort may have reduced catches in southern Southeast.

Sockeye salmon catches in Alaska boundary area gillnet and purse seine fisheries, including treaty fisheries, were below average in all areas, except District 102 seine where catches were average. The Hugh Smith Lake adult sockeye salmon escapement was 22,000, which was above the optimal escapement goal range of 8,000 to 18,000 adult sockeye salmon. The expanded peak survey count of 113,000 McDonald Lake sockeye salmon was near the upper bound of the 55,000 to 120,000 sustainable escapement goal range.

Alaska boundary area gillnet and purse seine summer chum salmon catches were above average. The southern Southeast Alaska wild-stock escapement index, which has a sustainable escapement goal of an aggregate 68,000 index spawners to 13 summer run chum salmon streams, was 157,000 making 2011 the third highest in the time series.

Gillnet and purse seine coho catches in the Alaska boundary area were below average while coho escapement counts and estimates were within or above goal. The combined peak count in the 14 surveyed streams in the Ketchikan area of 5,202 spawners was within the goal of 4,250-8,500 spawners. The total escapement of 2,137 spawners to Hugh Smith Lake ranked 5th highest in 30 years and was well-above the biological goal range (500-1,600 spawners).

In Canadian Area 1 there no longer are commercial net interception fisheries on passing salmon stocks in Area 1. No pink or chum surpluses were identified in-season therefore there were no terminal gillnet or seine fisheries in Area 1. Catches in the Area 1 troll fishery were above the previous decadal average for sockeye (6,152 vs. 1,487) and coho (220,279 vs. 103,690) but below average for pink (52,221 vs. 62,588).

Sockeye catches were small in Area 3 with gillnets catching 70,075 compared to the previous decadal average of 255,093 and seines catching 60,422 compared to the previous decadal average of 70,724. Pink catches were also well below average in Area 3 with gillnets catching 28,978 compared to the previous decadal average of 212,947 and seines catching 289,907 compared to the previous decadal average of 1,238,669.

Sockeye catches were low in Area 4 with gillnets catching 249,050 compared to the previous decadal average of 533,614 and seines catching 60,843 compared to the previous decadal average of 183,511. Pink catches were also below average in Area 4 with gillnets catching 95,742 compared to the previous decadal average of 117,659 and seines catching 97,970 compared to the previous decadal average of 382,670.

Catch and effort in Area 5 was well below average for gillnets and no seine fishery occurred in Area 5 in 2011.

Returns of North Coast sockeye stocks were slightly higher than anticipated in 2011. The preliminary Nass sockeye total return to Canada (TRTC) estimate of 460,941 was above the pre-season forecast of 420,000. The Skeena preliminary total return estimate of 1.9 million was also slightly higher than the pre-season total return sibling forecast of 1.7 million. Pink returns throughout the North Coast were much lower than expected based on the strong brood year escapements. Pink escapements in Area 3 and 4 were approximately one tenth of the brood year escapement. Chum escapements continued to be poor and retention of chum were not permitted by gillnet or seine in Areas 3 to 5.

MANAGEMENT PERFORMANCE

Pacific Salmon Treaty based harvest sharing agreements were renewed in 2009 for the Northern Boundary area fisheries – Alaska District 104 purse seine, Alaska District 101 drift gillnet, Canadian Area 3 net, and Canadian Area 1 troll. The agreements are “abundance based” where the allowable harvest is a percentage of the Annual Allowable Harvest (AAH). The AAH is the total return of applicable stocks minus the lesser of: 1) the actual escapement, or 2) the escapement goal. Catches over or under the AAH are summed over the period of the agreement to allow for annual variation.

The run size of Alaskan pink salmon returning to Districts 101-103 determines the allowable harvests of these stocks in Canada’s Area 3 (1-4) net and Area 1 troll fisheries.

In Alaska’s District 104 purse seine fishery, the Nass and Skeena sockeye salmon run size determines the AAH of these stocks prior to Statistical Week 31. In the District 104 purse seine fishery the agreement specifies a harvest, from the beginning of the season through Statistical

Week 30, of 2.45% of the combined AAH of both the Nass and Skeena River runs. The fishery opens the first Sunday in July; in 2011 the initial opening was July 3 (Week 28). The 2011 pre-Week 31 fishing plan for District 104 was based on returns of local Alaskan stocks as well as the Canadian Department of Fisheries and Oceans (DFO) preseason forecast returns of about 523,000 Nass River sockeye salmon and about 1.6 million Skeena River sockeye salmon. The preseason forecasts result in a total projected return of 2.1 million Nass and Skeena sockeye salmon which, minus an escapement goal of 1.1 million, would result in an AAH of about 1 million. Using this forecast, the 2011 pre-Week 31 AAH was approximately 25,000 Nass and Skeena sockeye salmon.

In Alaska's District 101 gillnet fishery, the AAH is based solely on the run size of Nass River sockeye salmon. The AAH is calculated as the total run of Nass sockeye salmon minus either the escapement requirement of 200,000 or the actual in-river escapement, whichever is less. In the District 101 (Tree Point) drift gillnet fishery, the agreement specifies a harvest of 13.8 percent of the AAH of the Nass River sockeye salmon run. The return of Nass sockeye salmon was forecast at 523,000 in 2011 which, minus an escapement goal of 200,000, would result in an AAH of about 323,000. Using this forecast the 2011 allowable harvest in the District 101 gillnet fishery was about 44,000 Nass River sockeye salmon.

The District 101 drift gillnet fishery opens by regulation on the third Sunday in June which was June 19 (week 26) in 2011. During the early weeks of the fishery, management is based on the run strength of Alaska wild stock chum and sockeye salmon and on the strength of the Nass River sockeye salmon. Beginning in the third week of July, when pink salmon stocks begin to enter the fishery in large numbers, management emphasis shifts by regulation to that species. By regulation, the District 101 Pink Salmon Management Plan (PSMP) sets gillnet fishing time in this district in relation to the District 101 purse seine fishing time when both fleets are concurrently harvesting the same pink salmon stocks.

For the year 2011, Canada was to manage the 3-1 to 3-4 net fishery to achieve an annual catch share of 2.49 percent of the AAH of Alaskan Districts 101, 102 and 103 pink salmon. With a Total Return of approximately 20.72 million pink salmon, the Alaskan Districts 101, 102 and 103 AAH was 9.97 million pink salmon. The resulting Area 3-1 to 3-4 Canadian commercial net total allowable catch of this AAH was approximately 248,340 pink salmon of Alaskan Districts 101, 102 and 103 origin.

In the Canadian northern boundary area, pink salmon returns were anticipated to be above average for both Area 3 and Area 4, based on brood year return strength. Returns to Area 3 and 4 streams were well below expectations in 2011. The 2011 Canadian pink salmon catch in Sub-areas 3-1 to 3-4 was 160,757 and a preliminary estimate of the Alaska stock component of this catch is estimated to be 145,919, or 1.46 % of the AAH, well below the allotted 2.49 % of the AAH of 248,340 pieces.

In addition, Canada was to manage the Area 1 troll fishery to achieve an annual catch share of 2.57 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon. With a Total Return of approximately 20.72 million pinks, the Alaskan Districts 101, 102 and 103 AAH was 9.97 million pinks. The resulting Area 1 Canadian commercial troll total allowable catch of this AAH was approximately 256,319 pinks of Alaskan Districts 101, 102 and 103 origin.

The Canadian commercial troll fishery targeting pink salmon was open in the northern portion of Area 1 (Dixon Entrance AB Line) from July 1 to September 30. Pink retention was also permitted during the Chinook directed fishery in parts of Area 1 which opened June 9th and closed for Chinook retention June 21st. Pink salmon directed effort was very minimal and the fishery harvested a total of 52,221 pink salmon, with an estimated 49,525 being of Alaskan origin. This equates to 0.50 % of the Alaskan District 101, 102 and 103 pink AAH, well below the annex agreement for 2.57 percent of the Alaskan Districts 101, 102 and 103 pink salmon AAH.

2012 Forecasts

The Southeast Alaska pink salmon harvest in 2012 is predicted to be weak, with a point estimate of 17 million fish (80% confidence interval 10-29 million fish). The forecast of 17 million pink salmon is well below the recent 10-year average harvest of 40 million fish. The NOAA Auke Bay Lab's 2011 peak June-July juvenile pink salmon CPUE statistic from upper Chatham and Icy straits in northern Southeast Alaska ranked in the bottom third of the 14 previous years that NOAA has collected that information, which may indicate poor freshwater and early marine survival for pink salmon set to return in 2012. Pink salmon harvests associated with the bottom third of indices in the NOAA data set ranged between 12 and 20 million fish. The 2010 pink salmon harvest of 13.7 million in southern Southeast Alaska was only 57% of the recent 10-year average, but the escapement index value of 5.9 million fell within the escapement goal range of 3.0 to 8.0 million index fish. Escapement indices were within or exceeded management targets for all Districts and for all 18 pink salmon stock groups within this sub-region. Formal forecasts are not made for species other than pink salmon in Southeast Alaska.

The 2012 Nass sockeye total return is estimated to be 446,000 (with a 25% probability of the return exceeding 553,000 and a 75% probability the return will exceed 363,000) providing only modest marine net and Nisga'a in-river commercial opportunities. For the Skeena, the sibling model forecast predicts a 50% probability of approximately 1.4 million sockeye returning to the Skeena in 2012, with a 25% probability of the return exceeding 2.0 million and a 75% probability the return will exceed 1.0 million. The Nass and Skeena area pink return predictions are poor and very poor based on brood year escapements. As a result, directed Skeena sockeye or pink salmon harvest opportunities are unlikely in 2012.

INTRODUCTION

This report reviews the 2011 Boundary Area pink, chum, coho, and sockeye salmon gillnet and purse seine fisheries of southern Southeast (SSE) Alaska and Northern British Columbia and outlines preliminary expectations and fishing plans for 2012. The document is submitted to the Pacific Salmon Commission as required in Article IV of the Pacific Salmon Treaty. Weekly catch and effort data is provided by opening, district or area, gear, and species (sockeye, pink, chum, coho, and Chinook salmon) for Northern Boundary Area fisheries for 2011. Sub-area catch data is also presented for all salmon species for Canadian Area 3. Maps showing the statistical fishing districts or areas for southern Southeast Alaska and Northern British Columbia are provided in Figures 1 to 7.

SOUTHERN SOUTHEAST ALASKA

2011 Salmon Forecast

The 2011 pink salmon harvest in Southeast Alaska was expected to be excellent, with a point estimate of 55 million fish, with a forecast range of 43-67 million fish. Formal forecasts were not made for sub-regions or for species other than pink salmon in Southeast Alaska.

Review of the 2011 Fishing Season

Commercial fisheries harvested 17.4 million salmon in southern Southeast Alaska in 2011. This total includes Traditional, Hatchery Terminal Harvest Area, and Annette Island Reserve fisheries; purse seine, drift gillnet, and troll gear, in Districts 101 through 108, 150, and 152. The salmon harvest was comprised of 11.1 million (64%) pink, 4.9 million (28%) chum, 0.65 million coho (4%), 608,487 (3%) sockeye, and 126,376 (1%) Chinook. The 2011 catches are compared to the 1985-2010 average.

Districts 101 to 107 Purse Seine Fisheries

The management of the southern Southeast Alaska inside purse seine fishery was based on inseason pink salmon returns to Districts 101 through 107. Exceptions to this management scheme were: 1) an early season opening in lower District 102 to target Southern Southeast Regional Aquaculture Association's (SSRAA) Kendrick Bay summer chum salmon; and 2) District 102 fisheries directed on fall chum salmon. There was a purse seine Chinook salmon non-retention period in 2011 until Week 32.

District 101 Purse Seine Fishery

The Alaska District 101 purse seine fishery opened July 3, 2011 for the first of 10 fishing periods (Table 1). In the initial week (statistical week 28), 30 boats fished a 15-hour opening. In week 28, catches were below average for pink salmon, average for sockeye salmon, and above average for chum and coho salmon. After week 28, all catches were well below average for the entire season.

A total of 56 purse seine vessels fished in District 101 in 2011, 37% of the average of 151. The fishery was open for a total of 174 hours which was 37% of the average of 465.

The 2011 District 101 purse seine seasonal pink salmon catch of 535,000 was 9% of the average catch of 5.9 million.

The District 101 purse seine sockeye salmon catch of 20,600 was 20% of the average catch of 103,900.

The District 101 purse seine chum salmon catch of 103,000 was 32% of the average catch of 320,500.

The District 101 purse seine coho salmon catch of 6,400 was 16% of the average catch of 39,300.

The Chinook catch of 424 was 75% of the average catch of 563. There was a purse seine Chinook

salmon non-retention period in 2011 until Week 32.

District 102 Purse Seine

Limited portions of District 102 near Kendrick Bay were opened in Weeks 26 and 27 to access returns of SSRAA enhanced summer chum salmon returning to Kendrick Bay. The fishery was open for 87 hours in week 26 and 27. Nine seine vessels fished the first opening and 32 fished the second with catches for both weeks totaling about 70,800 chum salmon (Table 2).

The traditional seine fishery in District 102 targeting local stocks of pink salmon opened Sunday July 3 (Week 28). During the traditional fishing period there were 23 openings ranging from 15 to 39 hours in duration. The number of boats fishing the district varied significantly from week to week. A total of 91 purse seine vessels fished District 102 at some time during the season, 60% of the average of 153 vessels. The district was open to fishing a total of 762 hours, 97% of the average of 787 hours.

Catches of pink salmon were below the treaty average most of the season. The purse seine catch of 740,000 pink salmon was 18% of the average catch of 4.1 million. The sockeye salmon catch of 39,000 was 93% of the average catch while the coho salmon catch of 33,500 was 70% of the average catch. Catches of chum salmon were well above average week 27-32, and 36.

District 103 Purse Seine

The 2011 District 103 purse seine fishery initially opened July 18 (Week 30; Table 3). There was no fishing effort for the first three openings. The fishery closed on September 6, there was no directed fall chum salmon fishery in 2011. A total of 111 purse seine vessels fished in District 103, 88% of the average of 126 vessels. The district was open for an average number of hours.

The District 103 purse seine pink salmon catch of 4.1 million was 104% of the average catch of 4 million. In early weeks of fishing sockeye and coho salmon catches were above average and pink and chum salmon catches were below average. From week 34-37, pink and coho salmon catches were average to above average and sockeye and chum salmon were mostly below average. The 2011 sockeye salmon catch of 19,000 was 85% of average catch. Coho salmon catch of 33,000 was 110% of the average catch. Chum salmon catch of 78,500 was 67% of the treaty average.

District 104 Purse Seine Fishery

The 2011 pre-Week 31 fishing plan was based on the DFO preseason forecast total returns of about 523,000 Nass River sockeye salmon and 1.6 million Skeena River sockeye salmon. The preseason forecasts resulted in a total projected return of about 2.1 million which, minus an escapement goal of 1.1 million, would result in a combined AAH of about 1 million. Using this forecast, the 2010 pre-Week 31 allowable catch (2.45% of the AAH) was about 25,000 Nass and Skeena sockeye salmon. The actual AAH will be calculated post-season after stock specific catch and escapement estimates are calculated.

In the 2011 treaty period (Alaska statistical weeks 28-30), 25,280 sockeye salmon were harvested

in the following: two 12-hour openings in Week 28; two 15-hour openings in Week 29; and two 15-hour openings in Week 30 (Table 4). A total of 29 purse seine vessels fished in the district during the treaty period. In past years 60% to 80% of treaty-period sockeye salmon have been of Nass and Skeena origin. Thus, we would anticipate that between 15,200 and 20,200 Nass and Skeena sockeye salmon may have been harvested in the District 104 purse seine fishery during the treaty period. The final number of Nass and Skeena sockeye salmon harvested, and the actual catch by stock, will not be available until catch, escapement, and stock composition estimates are finalized for the year.

There were a total of 17 open fishing periods in the 2011 District 104 purse seine fishery. In the post treaty period, beginning July 26 all openings (except Week 33) were 39 hours. The number of purse seine vessels fishing in the district was 72, 62% of the average vessels of 116.

The catch of 2.38 million pink salmon in the 2011 District 104 purse seine fishery was 35% of the average catch. The total season sockeye salmon catch of 202,504 was 50% of the average catch of 402,000. The catch of 28,300 coho salmon was 33% of the average catch of 85,000. The catch of 137,000 chum salmon was 48% of the average catch of 286,000. The catch of 4,289 Chinook salmon was 76% of the average catch of 5,622. There was a purse seine Chinook salmon non-retention period in 2011 until Week 32.

Districts 105, 106, and 107 Purse Seine Fisheries

For the 2011 season, the combined Districts 105, 106, and 107 purse seine fisheries harvested 1.81 million pink, 19,900 chum, 4,427 coho, 2,834 sockeye, and 108 Chinook salmon.

District 101 Tree Point Drift Gillnet Fishery

The PST agreement calls for abundance based management of the District 101 (Tree Point) drift gillnet fishery. The agreement specifies a harvest of 13.8 percent of the AAH of the Nass River sockeye salmon run. For the 2011 season, DFO forecast a total return of 523,000 Nass River sockeye salmon. The AAH is calculated as the total run of Nass sockeye salmon minus either the escapement requirement of 200,000 or the actual inriver escapement, whichever is less.

The District 101 drift gillnet fishery opens by regulation on the third Sunday in June. During the early weeks of the fishery, management is based on the run strength of Alaska wild stock chum and sockeye salmon and on the strength of the Nass River sockeye salmon. Beginning in the third week of July, when pink salmon stocks begin to enter the fishery in large numbers, management emphasis shifts by regulation to that species. By regulation, the District 101 Pink Salmon Management Plan sets gillnet fishing time in this district in relation to the District 101 purse seine fishing time when both fleets are concurrently harvesting the same pink salmon stocks. The final number of Nass River sockeye salmon harvested in the District 101 drift gillnet fishery will not be available until catch, escapement, and stock composition estimates are finalized for the 2011 season.

The District 101 drift gillnet fishery opened Sunday June 19 (Week 26) in 2011. The number of hours fished was below average. The number of boats fishing annually was about half (59 %) the average of 116 boats.

A total of 88,618 sockeye salmon was harvested in 2011 (Table 5). The sockeye salmon harvest was 67% the average of 131,883. The cumulative sockeye salmon harvest prior to the initiation of the PSMP in Week 30 was 49,500 fish, or about 56% of the season's total sockeye salmon harvest. The final number of Nass River sockeye salmon harvested in the District 101 drift gillnet fishery will not be available until catch, escapement, and stock composition estimates are finalized for the 2011 season.

The pink salmon catch of 335,800 was 64% of the average of 526,000. Pink salmon catches were above the average Week 36-38. The chum salmon catch of 339,900 was 111% of the average of 305,000. Chum salmon catches were above average Week 28-32, but then fell to below average for the remainder of the season. Coho salmon catches were below average most of the season; the catch of 46,500 was 62% of the average. The Chinook salmon catch of 1,662 was 113% of the average of 1,474.

Beginning in Week 36 (August 28) management was based on the strength of wild stock fall chum and coho salmon. Approximately 16,300 coho and 41,500 chum salmon were caught in the fall fishery. Catches of fall coho and coho salmon catches were below average.

District 106 Drift Gillnet Fishery

The 2011 harvest in the District 106 commercial gillnet fishery included 2,103 Chinook, 146,089 sockeye, 117,854 coho, 337,170 pink, and 158,096 chum salmon (Table 6). District 106 catches of coho and chum salmon were below average, catches of sockeye and Chinook salmon were above average, and catches of pink salmon were average.

Annette Island Reserve Fisheries

In 2011, the Annette Island purse seine fishery harvested approximately 498,932 pink, 142,056 chum, 12,031 sockeye, 4,989 coho, and 420 Chinook salmon. The Annette Island gillnet fishery harvested approximately 241,564 pink, 288,200 chum, 17,298 sockeye, 48,007 coho, and 1,277 Chinook salmon (Tables 7-8).

Pink, Sockeye, and Chum Salmon Escapements

The total 2011 Southeast Alaska pink salmon escapement index of 14.3 million index fish ranked 12th since 1960 and was 94% of the recent 10-year average of 15.2 million (Table 9). Biological escapement goals are in place for three subregions in Southeast Alaska and escapement goals were reached for all three subregions in 2011. On a finer scale, escapements met management targets for 14 of 15 districts in the region and for 44 of the 46 pink salmon stock groups in Southeast Alaska. The Southern Southeast subregion includes all of the area from Sumner Strait south to Dixon Entrance (Districts 1-8). The pink salmon harvest of 11.2 million in the Southern

Southeast subregion was only 46% of the recent 10-year average, but the escapement index value of 5.5 million was well within the escapement goal range of 3.0 to 8.0 million index fish.

2011 Southeast Alaska pink salmon escapement indices and biological escapement goals by sub-region (in millions). The total is slightly larger than the sum of all three sub-regions due to rounding of numbers.

| Sub-region | 2011 Pink Salmon Index | Biological Escapement Goal ¹ | |
|----------------------------|---------------------------|---|--------------|
| | | Lower Bound | Salmon Index |
| Southern Southeast | 5.5 | 3.0 | 5.5 |
| Northern Southeast Inside | 6.0 | 2.5 | 6.0 |
| Northern Southeast Outside | 2.7 | 0.75 | 2.7 |
| Total | 14.3 | | |

Sockeye salmon runs throughout Southeast Alaska were generally strong in 2011. Escapement targets were met for 12 of the 13 sockeye salmon systems in Southeast Alaska with formal escapement goals. The Hugh Smith Lake adult sockeye salmon escapement was 22,000, which was above the optimal escapement goal range of 8,000 to 18,000 adult sockeye salmon. Based on the expanded peak foot survey count, the escapement of sockeye salmon into McDonald Lake was estimated to be 113,000 fish in 2011, which was within the sustainable escapement goal range for the second consecutive year.

Escapement survey information for chum salmon index streams indicated that escapements of summer-run chum salmon through much of Southeast Alaska were improved over recent years in 2011. In southern Southeast Alaska, runs are broken into summer and fall runs. The Southern Southeast chum salmon stock group is composed of an aggregate of 13 summer-run chum salmon streams on the inner islands and mainland of southern Southeast Alaska, from Sumner Strait south to Dixon entrance, with a sustainable escapement goal of 68,000 index spawners (based on the aggregate peak survey to all 13 streams). The index of 157,000 in 2011 was well above the escapement goal and was the third highest escapement index since 1980.

Fall chum salmon runs on Prince of Wales Island were strong overall and the escapement goal was easily met in Cholmondeley Sound—the one area with a formal escapement goal for fall chum salmon in southern Southeast Alaska. Fall chum salmon runs are monitored in Cholmondeley Sound through aerial surveys at Disappearance and Lagoon creeks. The escapement index of 93,000 was well above the sustainable escapement goal range of 30,000 to 48,000 index spawners (based on the aggregate peak survey to both streams).

Management Performance Relative to Treaty Requirements

District 104 Purse Seine Fishery

The 2009 revision of the Pacific Salmon Treaty Agreement calls for the implementation of abundance based management in the District 104 purse seine fishery. The agreement allows the District 104 purse seine fishery to harvest 2.45 percent of the AAH of Nass and Skeena sockeye

salmon prior to Statistical Week 31. The AAH is calculated as the total run of Nass and Skeena sockeye salmon minus either the escapement requirement of 1.1 million or the actual in-river escapement, whichever is less.

As background, this 2.45% AAH value was based on the weighted-average percent of the Nass and Skeena sockeye salmon AAH that would have been harvested in this fishery, during the 1985-1996 period, if the annual pre-Week 31 harvest had been exactly 120,000 sockeye salmon. Catches from 1997 were not included in the baseline calculation due to unusually high levels of sockeye salmon abundance in the fishery. The Alaska Department of Fish and Game's (ADF&G) management intent is to harvest Nass and Skeena sockeye salmon at the allowable AAH percentage. The Treaty recognizes that overages and underages will occur and provides an overage/underage provision intended to hold the Parties accountable for their catch shares but permit a reasonable degree of management flexibility.

The preliminary total return of Nass and Skeena river sockeye in 2011 is currently estimated at 2,490,000. This return would have allowed a treaty-period catch in the District 104 purse seine fishery of approximately 34,000 Nass and Skeena river sockeye salmon. The 2011 total catch of sockeye salmon from both nations during the District 104 treaty period was 25,280. Annual AAH fishery performance in the District 104 fishery is presented in Table 10 with bilaterally accepted numbers through 2008 and preliminary estimates based on average harvest rates through 2011. The final number of Nass and Skeena sockeye salmon harvested in the 2011 District 104 treaty-period will not be available until catch, escapement, stock composition and run reconstruction estimates are finalized for the year.

District 101 Tree Point Drift Gillnet Fishery

The 2008 revision of the Pacific Salmon Treaty Agreement calls for abundance based management of the District 101 drift gillnet fishery. The agreement allows the District 101 gillnet fishery to harvest 13.8 percent of the AAH) of Nass River sockeye salmon run. The AAH is calculated as the total run of Nass sockeye salmon minus either the escapement requirement of 200 thousand, or the actual in-river escapement, whichever is less.

As background, this 13.8% AAH value was based on the weighted-average percent of the Nass sockeye salmon run that was harvested in this fishery during years 1985-1997. The ADF&G management intent is to harvest Nass sockeye salmon at the allowable AAH percentage. The Treaty recognizes that overages and underages will occur and provides an overage/underage provision intended to hold the Parties accountable for their harvest shares while permitting a reasonable degree of management flexibility.

The preliminary total return of Nass River sockeye salmon in 2011 is currently estimated at 570,000 sockeye salmon. This return would have allowed a catch in the District 101 gillnet fishery of 51,000 Nass River sockeye salmon. The 2011 total catch of sockeye salmon from both nations in the District 101 gillnet fishery was 88,618. Annual AAH fishery performance in the District 101 gillnet fishery is presented in Table 11 with bilaterally accepted numbers through 2008 and preliminary estimates based on average harvest rates through 2011. The final number of Nass sockeye salmon harvested in the 2011 District 101 gillnet fishery will not be available until catch,

escapement, and stock composition estimates are finalized for the year.

NORTHERN BRITISH COLUMBIA

2011 Salmon Forecast

Area 1 Expectations

- Sockeye** There are no significant local sockeye stocks in Area 1 and no fisheries on passing stocks.
- Pink** Poor with no surplus.
- Chum** Fishing opportunities will be dependent on surpluses identified in-season.
- Fishing Plan** To identify and harvest surpluses found in-season.

Area 3 Expectations

- Sockeye** A below average Nass sockeye total return to Canada of 434,000 is expected to provide a harvestable surplus of 250 thousand.
- Pink** A Nass pink return of 2.9 million in addition to an above average Area 4 return (7.6 million) is expected to yield a large harvestable surplus
- Chum** Area 3 chum stocks remain below target levels. No targeted fishing is anticipated.
- Fishing Plan** To manage the Area 3 fisheries to Area 3 sockeye and pink abundances, in-season Skeena sockeye stock strength, and coho and chum conservation concerns.

Area 4 Expectations

- Sockeye** The sibling model forecast predicts a 50% probability of approximately 1.7 million sockeye returning to the Skeena in 2011, with a 25% probability of the return exceeding 2.4 million and a 75% probability the return will exceed 1.1 million.
- Pink** The Skeena pink forecast for 2011 is 7.6 million
- Chum** Skeena chum escapements are depressed and there will be no chum retention in Area 4.

Fishing Plan To manage the Area 4 fisheries in response to wild Skeena sockeye, coho and chum conservation concerns.

Area 5 Expectations

Sockeye Modest sockeye interception is anticipated in 2011.

Pink Local Area 5 and passing Skeena pink returns in 2011 are expected to produce a modest harvestable surplus

Chum Local chum stocks are depressed, and no surplus is anticipated.

Fishing Plan To manage the Area 5 fisheries in response to local in-season pink and sockeye abundance, Skeena wild sockeye conservation concerns, and below average returns of Skeena pink salmon.

Review of 2011 Fishing Season - Net and Troll Fisheries

Area 1

In Canadian Area 1 there no longer are commercial net interception fisheries on passing salmon stocks in Area 1, (Figure 4). No pink or chum surpluses were identified in-season therefore there were no terminal gillnet or seine fisheries in Area 1 (Tables 12 and 13).

The Area 1 troll fishery was managed considering domestic Chinook, coho and chum stocks of concern, and the PST Chinook ceiling. The Individual Transferable Quota (ITQ) system governed the harvest of all Chinook. Directed fisheries were conducted for all species except chum and area and time restrictions were associated with each opening.

The preliminary catch estimate for the Area 1 portion (includes Area 101) of the 2011 troll fishery is 220,279 coho, 52,221 pink and 62,292 Chinook (Table 14).

See Table 33 for Area 1 escapements.

Area 3

Management units (sub-areas) of Statistical Area 3 are outlined in Figure 4. In recent years, the Area 3 sockeye gillnet fishery has started mid-June to assess stock strength of passing Nass-bound sockeye, with the first exploratory fishery of 2011 taking place on 19 June. Since 1994, in-season escapement estimates have been provided by the Nisga'a fishwheel operations conducted in the lower Nass River approximately five miles upstream from the old Nass test

fishery site. In 2011, fishwheel operations commenced June 6th and closed for the season September 17th. Extreme high water shut down the fishwheels from September 6th to 13th. In addition to the fishwheel estimates, catches in Canadian First Nation's food and commercial fisheries, and Canadian and Alaskan commercial fisheries are utilised in estimating Nass sockeye run size in-season. The 2011 Nass River fishwheel operation, along with the Nisga'a Fisheries Program, continue to be an example of quality stock assessment and effective fisheries co-management.

In general, the Area 3 net fishery is managed for Nass sockeye salmon until mid-July after which the outer Area 3 fishery is managed based on Nass and Skeena pink and Skeena sockeye stock abundance. The inside Area 3 (Sub-areas 3-7 to 17) net fishery is managed for Nass sockeye and pink abundance from mid-July to late August or early September. In 2011, all Area 3 net fisheries operated with a non-retention/non-possession restriction for chum and steelhead. In addition, all seine fisheries were also conducted with a non-retention/non-possession restriction for Chinook. Due to conservation concerns for Kwinageese Sockeye, gillnets were closed from July 8th to July 28th and the seine fishery was restricted to possession of pink only during the July 18th opening.

The 2011 Area 3 gillnet fishery began 19 June (Week 26) with one 16-hour opening in portions of 3-3, 3-7 and 3-12 to assess Nass River sockeye run strength. A less than average gillnet fleet size of 125 vessels (81 boat days effort) participated with 6,591 sockeye, and 182 Chinook being harvested (Tables 15 to 17). The sockeye catch and resulting CPUE was below normal for this time of year, corresponding with a below average early Nass River sockeye escapement estimate as determined by the Nisga'a fishwheels. During this opening harvesters were requested to release all live Chinook.

During Week 27, two 16-hour gillnet openings were permitted to assess the incoming sockeye run. A portion of sub-area 3-3 was no longer open to reduce interception of Skeena sockeye based on a relatively low pre-season Skeena forecast (Table 15). The delivered sockeye catch for the week increased to 8,553 with fishing effort increasing to 345 boat-days (Tables 16 to 17). Sockeye escapement past the Nass River fishwheels, along with the weaker than average catch figures, gave indications that the sockeye return to the Nass, at that time, was below average which was consistent with the pre-season forecast.

In Week 28, there were three 16-hour gillnet openings that resulted in 31,682 sockeye, 9,104 pink and 387 Chinook caught (Tables 15 to 16). The number of openings in week 28 was higher than would usually be considered given the in-season forecast of just over 400,000 Nass sockeye returning to Canada however the purpose was to achieve the Canadian TAC while reducing impacts on mid-timed Kwinageese sockeye.

From Week 29 to 31 gillnets were closed in Area 3 to reduce fishing impacts on the mid-timed Kwinageese sockeye stock. In-season, Nisga'a Fisheries biologists identified a barrier in the Kwinageese River that was preventing nearly all sockeye and Chinook from migrating upstream. Concrete blocks were placed downstream of the barrier on August 12th to raise the water level below the falls to allow fish passage. Nearly all of the 740 Chinook and 10,114 sockeye that

were counted through the weir located upstream passed the falls after the concrete blocks were in place.

The first seine opening in Area 3 occurred during Week 29 on July 11th for 16 hours with portions of sub-areas 3-3 and 3-7 open. Sub-area 3-12 was closed to reduce impacts on Kwinageese sockeye. A total of 12 boats participated (8 boat days) with a catch of 874 sockeye and 14,362 pinks (Tables 18 to 20).

During Week 30 there was one seine opening in Area 3 for 16 hours with only portions of sub-areas 3-3 and 3-7 open. Only pink retention was permitted for this opening to protect Kwinageese sockeye whose average timing peaks through Area 3 at this time. Effort was low with only 9 boats (6 boat days) participating due to the non-retention of sockeye and concurrent opportunities elsewhere. A total of 28,703 pinks were caught during the one opening (Tables 18-20).

Two 16-hour seine openings occurred in Week 31 with sub-areas 3-2, 3-3, 3-4, 3-7, 3-9, 3-17 and a portion of 3-12 open for pink and sockeye retention. A total of 129 boat days of effort resulted in a catch of 46,066 sockeye and 167,178 pinks for the week (Tables 18-20). Catches of pinks were lower than expected based on pre-season expectations but sockeye catches were higher than expected, likely due to slightly later timed Skeena sockeye migrating through the outer portions of Area 3.

During Week 32 there were 2 seine openings and 2 gillnet openings with coho retention permitted for the first time in 2011. Seine boundaries were the same as Week 31 but gillnet areas were expanded to include 3-2, 3-3, 3-4, 3-9, 3-17 and portions of 3-7 and 3-12. Gillnets caught 11,603 sockeye, 798 coho and 10,473 pinks with an effort of 166 boat days (Tables 15 to 17) while seines caught 13,482 sockeye, 2,976 coho and 79,664 pinks with an effort of 61 boat days (Tables 18-20). Poor pink catches and low escapements resulted in seines being closed in Area 3 for the rest of the season.

In Week 33 there was one 15-hour gillnet opening with 48 boat days of effort and a catch of 10,981 sockeye, 478 coho, 7,962 pink and 9 Chinook (Tables 15 to 17).

The last gillnet opening of the season in Area 3 was in Week 34. An in-season increase to the estimated Nass sockeye total return to Canada from 408,000 to 421,000 indicated there was still TAC available for harvest. The 15-hour opening on August 15th was reduced to sub-area 3-9 and portions 3-7 and 3-12. A concurrent gillnet opening in Area 4 reduced effort considerably to only 6 boat days and a catch of 455 sockeye, 88 coho and 1,433 pink (Tables 15 to 17).

Total gillnet fishing effort was 1,494 boat days, well below the 1990-1999 average effort of 2,836 boat days and the 2000-2009 decadal average effort of 2,189 boat days. The total Area 3 seine effort of 204 boat days is also well below the 1990-1999 average of 1,203 boat days and the 2000-2009 average of 383 boat days. For gillnets there was a total of 10 days fishing, while seines fished for 6 days, well below the 1990-1999 averages of 28 and 14 days fishing, respectively, and the 2000-2009 averages of 18 and 17 days, respectively. The gillnet and seine sockeye delivered catches of 70,075 and 60,422 were near the pre-season expected harvest

levels. The catch of pink salmon by gillnets (28,978) and seines (289,907) were much lower than anticipated.

The end of season preliminary TRTC estimates were substantially lower than the pre-season estimates for pink (200,820 vs. 2,160,000), Chinook (17,113 vs. 36,000), chum (8,735 vs. 24,000), and coho (112,409 vs. 175,000) were all lower than the pre-season forecast but sockeye was somewhat higher (460,941 vs. 420,000).

The preliminary sockeye escapement estimate to the Nass was 276,711 and was somewhat higher than the escapement target of 200,000. The Meziadin River escapement of 167,524 was slightly above the 2000-09 decadal average (163,686) and close to its desired escapement target (160,000).

Early in-season indications of coho abundance in the Area 1 troll fleet and Area 3/4 recreational catch suggested the potential for a good return which led to opportunities for net retention in Area 3. Later escapement information suggested in-season a lower return of coho to Area 3 so therefore the troll fishery in Area 3 did not proceed in 2011 however Area 103 was included in the North Coast troll coho and pink directed fishery with sockeye by-catch retention permitted that opened July 15th. Very little effort was reported in Area 103 with only 18 boat days for the entire season and 10 sockeye, 2,348 coho and 157 pink caught (Table 21).

In Area 3, a First Nation in-river economic opportunity was identified with 3,000 sockeye being allocated to the Gitanyow First Nation through gillnet and seine licence transfers. These fish were harvested selectively on the Meziadin River.

Area 4

The preseason 2011 sockeye management plan was developed around an abundance-based management scheme in an attempt to reduce the exploitation of less productive Skeena sockeye while allowing variable harvest opportunities based on aggregate sockeye abundance. As has been the case in recent years, the intent was to reduce the aggregate-stock exploitation rate on Skeena sockeye in North Coastal marine net fisheries relative to the 1982-2002 base period. In addition, management measures were in place to address concerns for Skeena coho, wild sockeye and chum stocks.

The pre-season forecast for Skeena sockeye was below average and a small harvestable surplus was anticipated. The pre-season forecast was 1.7 M (between 1.1 M and 2.3 M) and to conduct commercial fisheries the escapement should achieve 900,000 for spawning purposes and 150,000 for food, social, and ceremonial purposes. In addition to the relatively low sockeye forecast, the anticipated Skeena pink salmon return was expected to be very high with significant harvesting opportunities. In-season abundance indicators included the Tyee test fishery, various in-river fish counting facilities, harvest rate and CPUE models, native food fish catches and commercial catches in Area 4 and other fishing areas in Northern BC and Southern Southeast Alaska. The Tyee test fishery operated from May 25th to September 24th. The earlier than normal start to the test fishery was to assess the early-timed Chinook return. Only two sets were missed during the entire season due to large amounts of debris in the water during the spring freshet.

Area 4 gillnet and seine fisheries were to operate with a non-retention/non-possession restriction for chum, and steelhead while Chinook retention remains restricted for the seine fleet. Further management actions include mandatory operational revival boxes, daylight-only fisheries and time and area fishing restrictions.

The Area 4 Chinook-directed gillnet fishery took place with 1 opening of 30 hours commencing on June 20th which resulted in 85 boat days of effort and a catch of 1,193 pieces. A second Chinook opening was not permitted because of the relatively low catch rate in the first opening and the relatively low Tyee test fishery index.

Early in-season Skeena sockeye forecasts (1.7 M) led to an Area 4 gillnet fishery on July 13th (Week 29) in which an effort of 157 boat-days harvested 27,662 sockeye, 1,756 pink, and 182 Chinook (Table 22). A 6 day seine opening that spanned Week 29 to Week 30 was permitted as an Individual transferable quota (ITQ) fishery with an allocation of 300 sockeye per licence. The combined Week 29 to 30 seine catch was 25,931 sockeye and 4, 533 pink salmon (Table 23). Effort estimates for the ITQ fishery are not comparable with the historic open derby fishery however 106 boat days of effort were expended during the first 6-day seine opening.

During Week 30 another gillnet opening was permitted that resulted in an effort of 168 boat days and a catch of 47,888 sockeye, 8,731 pink and 144 Chinook; however the in-season forecasts declined to a season low of 1.3 M so a second seine opening was not permitted for gear allocation and potential future pink fishing reasons. For week 31, an increase in sockeye escapement led to a one day 16-hour gillnet sockeye fishery on July 27th in which an effort of 155 boat-days harvested 48,095 sockeye, 23,808 pink, and 42 Chinook (Table 22).

Post-season accounting indicates that the Skeena sockeye return was 5 days later than average. As a result, in-season forecasts continued to increase in the latter half of the season. Two gillnet openings were permitted in Week 32 which resulted in 498 boat days of effort and a catch of 69,128 sockeye, 491 coho, 30,136 pink and 76 Chinook (Table 22). Coho retention in Week 32 was permitted for both gillnets and seines as early Area 1 troll and Area 3/4 catch rates seemed to indicate a good return. Seines fished for 6 days spanning Week 32 and Week 33 as a part of the ITQ fishery with an allocation of 400 sockeye per licence. In Week 32, seines caught 6,929 sockeye, 371 coho and 18,758 pink (Table 23).

In-season forecasts based on the Tyee test fishery and commercial marine catches continued to increase resulting in two 16-hour gillnet openings in Week 33. Gillnets caught 50,360 sockeye and 1,203 coho, 26,195 pink and 29 Chinook with 398 boat days of effort (Table 22). Seines had 4 days of fishing as a part of their 400 sockeye allocation from Week 32 and also had an additional two day opening targeting pink salmon that spanned Week 33 to Week 34 with an allocation of 150 sockeye per licence. In Week 33 seines caught 24,973 sockeye, 2,663 coho, and 58,786 pink (Table 23).

In Week 34 gillnets and seines each had one day open in Area 4. The majority of the Skeena sockeye run was over and these were the last openings of the season. Gillnets caught 5,917 sockeye, 817 coho and 5,116 pink (Table 22) and the seines caught 3,010 sockeye, 876 coho and

15,893 pink (Table 23). Pink catch and escapement was poor and no further pink targeted fisheries were permitted in Area 4 by seines.

The Skeena First Nations inland demonstration sockeye fishery was scheduled to continue in 2011 to provide economic benefit to up-river First Nations through the harvest and sale of Skeena sockeye. To protect non-target species, this fishery uses selective fishing techniques and harvests sockeye only. Harvesting locations include the Skeena mainstem as well as the Babine River. Sockeye allocations are acquired through the transfer of commercial gillnet and seine licences from the marine fishery and weekly allocations are based on average catch per licence from Area 4 gillnet and seine marine commercial fisheries occurring in previous weeks. A total of 17,209 sockeye were harvested in the Skeena inland demonstration fishery in 2011.

The preliminary run reconstructed total Skeena sockeye return was estimated to be 1.9 million which is slightly higher than the pre-season sibling forecast of 1.7 million. The Skeena sockeye reconstructed net escapement estimate of 1,062,293 was very close to the 2000 to 2009 average of 1,010,328. Estimated escapements of wild Skeena sockeye were mostly higher than recent averages except Morice/Nanika, Swan/Stephens, and Kitwanga which was coming off a very poor brood year. The aggregate Area 4 pink escapement estimate of 252,219 (Table 30) was only a tenth of the brood year (2,515,312) and much lower than anticipated (Table 35). The Area 4 chum escapement estimate was higher than recent years but the result is mostly the function of including the Ecstall River which had not been inspected for several years.

Portions of Area 104 were open to troll for sockeye, coho and pink retention from July 15th to September 30th. The total hauled catch for the 2011 season from Area 104 was 92 sockeye, 49,604 coho, and 2,506 pink.

Area 5

Management of the Area 5 fishery during July is based on Skeena sockeye abundance. From late July to early August, the fishery targets Skeena pink stocks which use Area 5 as a migration route. In mid to late August, fisheries are managed for harvest of local pink stocks.

Pre-season expectations were for limited gillnet and seine opportunities for Skeena sockeye but good returns were expected for pink. All gillnet fishing openings in Area 5 were in conjunction with Area 4 sockeye directed openings (excluding the June Chinook directed fishery). This resulted in one opening per week from Week 29 to 31, two openings in Week 32 and 33 and one opening in Week 34 for a total of 8 one-day openings (Table 25). Very little gillnet effort occurred in Area 5 with only 7 boat days estimated for the entire season which is well below average (Table 32). Catches were modest with only 1,610 sockeye and 1,181 pink estimated for Area 5 (Table 25). Seines were not open in Area 5 for the Skeena sockeye directed ITQ fishery (Table 26). Pink escapements were poor (Tables 30 and 36) and therefore no pink directed fishery was opened in Area 5 in 2011.

For troll portions of Area 105 were opened from July 15th to September 30th. A total of 16 boat days were reported in Area 105 with 1,147 coho and 20 pink harvested, (Table 27).

Management Performance Relative to Treaty Requirements

Areas 3 (1-4) Pink Net Catch (Preliminary)

For the year 2011, Canada was to manage the 3-1 to 3-4 net fishery to achieve an annual catch share of 2.49 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon. With a Total Return of approximately 20.72 million pinks, the Alaskan Districts 101, 102 and 103 AAH was 9.97 million pinks. The resulting Area 3-1 to 3-4 Canadian commercial net total allowable catch of this AAH was approximately 248,340 pinks of Alaskan Districts 101, 102 and 103 origin (Table 28).

In the Canadian northern boundary area, pink salmon returns were anticipated to be above average for both Area 3 and Area 4, based on brood year return strength. Returns to Area 3 and 4 streams were well below expectations in 2011. The 2011 Canadian pink salmon catch in Sub-areas 3-1 to 3-4 was 160,757 and a preliminary estimate of the Alaska stock component of this catch is estimated to be 145,919, or 1.46 % of the AAH, well below the allotted 2.49 % of the AAH of 248,340 pieces, (Table 28).

Area 1 Pink Troll Fishery (Preliminary)

For the year 2011, Canada was to manage the Area 1 troll fishery to achieve an annual catch share of 2.57 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon. With a Total Return of approximately 20.72 million pinks, the Alaskan Districts 101, 102 and 103 AAH was 9.97 million pinks. The resulting Area 1 Canadian commercial troll total allowable catch of this AAH was approximately 256,319 pinks of Alaskan Districts 101, 102 and 103 origin, (Table 29).

The Canadian commercial troll fishery targeting pink salmon was open in the northern portion of Area 1 (Dixon Entrance AB Line) from July 1 to September 30. Pink retention was also permitted during the Chinook directed fishery in parts of Area 1 which opened June 9th and closed for Chinook retention June 21st. Pink salmon directed effort was very minimal and the fishery harvested a total of 52,221 pink salmon, with an estimated 49,525 being of Alaskan origin. This equates to 0.50 % of the Alaskan District 101, 102 and 103 pink AAH, well below the annex agreement for 2.57 percent of the Alaskan Districts 101, 102 and 103 pink salmon AAH, (Table 29).

The pattern of total Area 1 weekly pink troll catch in 2011 is illustrated in Table 14.

2012 Salmon Forecast Northern British Columbia

Expectations and fishing plans for 2012 are still preliminary. Specific opening dates and fishing patterns are determined through consultations with industry and since this process has not yet

been completed it is too early to provide details. A summary of the forecasts for Areas 1, 3, 4 and 5 is provided in Table 33.

Area 1 Expectations

Sockeye There are no significant local sockeye stocks in Area 1 and no fisheries on passing stocks.

Pink Potential for good returns.

Chum Fishing opportunities will be dependent on surpluses identified in-season

Area 3 Expectations

Sockeye A below average Nass sockeye total return of 446,000 (with a 25% probability of the return exceeding 553,000 and a 75% probability the return will exceed 363,000) is expected to provide modest commercial fishing opportunities.

Pink A poor return based on a slightly below average even year brood year is expected.

Chum Area 3 chum stocks remain below target levels. No targeted fishing is anticipated.

Area 4 Expectations

Sockeye The sibling model forecast predicts a 50% probability of approximately 1.4 million sockeye returning to the Skeena in 2012 with a 25% probability of the return exceeding 2.0 million and a 75% probability the return will exceed 1.0 million.

Pink A very poor return is expected based on a below average even year brood year.

Chum Skeena chum escapements are depressed and there will be no chum retention in Area 4.

Area 5 Expectations

Sockeye Modest sockeye interception is anticipated in 2012.

Pink A very poor return is expected based on a below average even year brood year.

Chum Local chum stocks are depressed, and no surplus is anticipated.

TABLES

Table 1. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 101 purse seine fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | Total |
|--------------|-----------------|-----------------|--------|-------|------------|--------------------------|---------|-------|---------|---------|---------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 28 | July 3, 2011 | July 3, 2011 | 30 | 15 | 450 | 0 | 2,358 | 623 | 19,431 | 14,492 | 36,904 |
| 28B | July 7, 2011 | July 7, 2011 | 19 | 15 | 285 | 0 | 809 | 353 | 28,596 | 8,098 | 37,856 |
| 29 | July 10, 2011 | July 10, 2011 | 7 | 15 | 105 | 0 | 624 | 347 | 12,667 | 2,303 | 15,941 |
| 30 | July 18, 2011 | July 18, 2011 | 23 | 15 | 345 | 105 | 3,344 | 917 | 97,292 | 42,772 | 144,430 |
| 30B | July 22, 2011 | July 22, 2011 | 21 | 15 | 315 | 99 | 2,874 | 953 | 80,885 | 17,257 | 102,068 |
| 31 | July 26, 2011 | July 27, 2011 | 15 | 39 | 585 | 114 | 3,572 | 1,029 | 103,040 | 5,725 | 113,480 |
| 32 | July 31, 2011 | July 31, 2011 | 17 | 15 | 255 | 68 | 3,797 | 824 | 77,117 | 6,028 | 87,834 |
| 32B | August 4, 2011 | August 4, 2011 | 20 | 15 | 300 | 38 | 3,075 | 1,106 | 75,085 | 5,164 | 84,468 |
| 33* | August 12, 2011 | August 12, 2011 | 12 | 15 | 180 | 0 | 129 | 223 | 40,966 | 871 | 42,189 |
| 34B | August 20, 2011 | August 20, 2011 | | 15 | - | Confidential Information | | | | | |
| Season Total | | | 56 | 174 | 2,820 | 424 | 20,582 | 6,375 | 535,079 | 102,710 | 665,170 |

*includes data from confidential openings

Table 2. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 102 purse seine fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | Total |
|--------------|--------------------|--------------------|--------|-------|------------|--------------------------|---------|--------|---------|---------|-----------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 26 | June 19, 2011 | June 22, 2011 | 9 | 87 | 783 | 0 | 164 | 279 | 28 | 3,866 | 4,337 |
| 27 | June 26, 2011 | June 29, 2011 | 32 | 87 | 2,784 | 0 | 3,860 | 4,577 | 13,693 | 66,958 | 89,088 |
| 28 | July 3, 2011 | July 3, 2011 | 16 | 15 | 240 | 0 | 314 | 455 | 1,241 | 26,831 | 28,841 |
| 28B | July 4, 2011 | July 6, 2011 | 20 | 63 | 1,260 | 0 | 1,005 | 1,296 | 8,356 | 50,730 | 61,387 |
| 28C | July 7, 2011 | July 7, 2011 | 31 | 15 | 465 | 1 | 2,432 | 2,400 | 20,670 | 83,900 | 109,403 |
| 29 | July 10, 2011 | July 10, 2011 | 36 | 15 | 540 | 4 | 3,444 | 1,496 | 28,977 | 69,783 | 103,704 |
| 29C | July 14, 2011 | July 15, 2011 | 38 | 39 | 1,482 | 152 | 8,091 | 4,882 | 69,424 | 129,940 | 212,489 |
| 30 | July 19, 2011 | July 19, 2011 | 41 | 15 | 615 | 252 | 5,257 | 2,820 | 76,486 | 80,415 | 165,230 |
| 30B | July 22, 2011 | July 22, 2011 | 15 | 15 | 225 | 62 | 2,160 | 1,154 | 43,320 | 49,931 | 96,627 |
| 31 | July 26, 2011 | July 27, 2011 | 14 | 39 | 546 | 95 | 2,201 | 3,388 | 65,221 | 59,022 | 129,927 |
| 32 | July 31, 2011 | August 1, 2011 | 18 | 39 | 702 | 100 | 3,833 | 2,069 | 80,850 | 24,348 | 111,200 |
| 32B | August 4, 2011 | August 5, 2011 | 20 | 39 | 780 | 46 | 3,174 | 2,010 | 106,467 | 14,213 | 125,910 |
| 33 | August 12, 2011 | August 12, 2011 | | 15 | | Confidential Information | | | | | |
| 34* | August 16, 2011 | August 16, 2011 | 6 | 15 | 90 | 0 | 201 | 203 | 8,742 | 1,354 | 10,500 |
| 34B | August 20, 2011 | August 20, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | August 24, 2011 | August 24, 2011 | 11 | 15 | 165 | 3 | 708 | 730 | 43,362 | 11,061 | 55,864 |
| 36 | August 28, 2011 | August 28, 2011 | 6 | 15 | 90 | 0 | 538 | 544 | 33,164 | 8,198 | 42,444 |
| 36B | September 1, 2011 | September 2, 2011 | 20 | 39 | 780 | 2 | 1,410 | 3,407 | 112,868 | 30,347 | 148,034 |
| 37 | September 8, 2011 | September 8, 2011 | 19 | 12 | 228 | 0 | 101 | 167 | 7,422 | 13,520 | 21,210 |
| 38 | September 12, 2011 | September 12, 2011 | 25 | 12 | 300 | 0 | 51 | 516 | 7,929 | 24,893 | 33,389 |
| 38B | September 15, 2011 | September 15, 2011 | 11 | 12 | 132 | 0 | 24 | 719 | 7,342 | 6,642 | 14,727 |
| 39 | September 21, 2011 | September 22, 2011 | 12 | 36 | 432 | 0 | 7 | 116 | 1,413 | 27,000 | 28,536 |
| 40* | September 28, 2011 | September 29, 2011 | 14 | 36 | 504 | 0 | 1 | 232 | 16 | 8,741 | 8,990 |
| 41 | October 2, 2011 | October 3, 2011 | | 36 | | Confidential Information | | | | | |
| 41B | October 7, 2011 | October 8, 2011 | | 36 | | Confidential Information | | | | | |
| Season Total | | | 91 | 762 | 13,143 | 717 | 38,976 | 33,460 | 736,991 | 791,693 | 1,601,837 |

*includes data from confidential openings

Table 3. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 103 purse seine fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | Total |
|--------------|-------------------|-------------------|--------|-------|------------|---------|---------|--------|-----------|--------|-----------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 30 | July 18, 2011 | July 18, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30B | July 22, 2011 | July 22, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | July 26, 2011 | July 27, 2011 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | July 31, 2011 | August 1, 2011 | 11 | 39 | 429 | 56 | 2,267 | 1,882 | 80,439 | 4,213 | 88,857 |
| 32B | August 4, 2011 | August 5, 2011 | 25 | 39 | 975 | 129 | 4,652 | 3,226 | 204,711 | 4,697 | 217,415 |
| 33 | August 8, 2011 | August 8, 2011 | 22 | 15 | 330 | 30 | 3,310 | 2,369 | 259,881 | 3,490 | 269,080 |
| 33B | August 12, 2011 | August 12, 2011 | 5 | 15 | 75 | 1 | 147 | 390 | 34,336 | 315 | 35,189 |
| 33C | August 12, 2011 | August 13, 2011 | 44 | 39 | 1,716 | 65 | 3,171 | 4,472 | 499,941 | 6,739 | 514,388 |
| 34 | August 16, 2011 | August 16, 2011 | 3 | 15 | 45 | 0 | 38 | 175 | 35,756 | 545 | 36,514 |
| 34B | August 16, 2011 | August 17, 2011 | 48 | 39 | 1,872 | 41 | 2,931 | 5,730 | 756,470 | 17,523 | 782,695 |
| 34C | August 20, 2011 | August 20, 2011 | 8 | 15 | 120 | 0 | 52 | 336 | 84,651 | 646 | 85,685 |
| 34D | August 20, 2011 | August 21, 2011 | 61 | 39 | 2,379 | 7 | 1,083 | 4,354 | 733,979 | 12,946 | 752,369 |
| 35 | August 24, 2011 | August 25, 2011 | 46 | 39 | 1,794 | 1 | 915 | 4,102 | 605,361 | 11,022 | 621,401 |
| 36 | August 28, 2011 | August 29, 2011 | 47 | 39 | 1,833 | 0 | 411 | 3,408 | 447,476 | 8,068 | 459,363 |
| 36B | September 1, 2011 | September 2, 2011 | 29 | 39 | 1,131 | 0 | 148 | 2,368 | 286,649 | 6,362 | 295,527 |
| 37 | September 5, 2011 | September 6, 2011 | 13 | 39 | 507 | 0 | 14 | 632 | 78,506 | 1,979 | 81,131 |
| Season Total | | | 111 | 441 | 13,206 | 330 | 19,139 | 33,444 | 4,108,156 | 78,545 | 4,239,614 |

Table 4. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 104 purse seine fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | Total |
|--------------|-------------------|-------------------|--------|-------|------------|--------------------------|---------|--------|-----------|---------|-----------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 28 | July 3, 2011 | July 3, 2011 | 5 | 12 | 60 | 0 | 774 | 73 | 229 | 322 | 1,398 |
| 28B | July 7, 2011 | July 7, 2011 | 4 | 12 | 48 | 0 | 1,356 | 308 | 1,439 | 4,899 | 8,002 |
| 29 | July 10, 2011 | July 10, 2011 | 5 | 15 | 75 | 0 | 4,099 | 1,616 | 13,212 | 7,752 | 26,679 |
| 29C | July 14, 2011 | July 14, 2011 | 9 | 15 | 135 | 5 | 5,188 | 1,011 | 27,830 | 17,744 | 51,778 |
| 30 | July 18, 2011 | July 18, 2011 | 22 | 15 | 330 | 344 | 7,719 | 2,507 | 67,576 | 29,284 | 107,430 |
| 30B | July 22, 2011 | July 22, 2011 | 5 | 15 | 75 | 234 | 6,144 | 1,132 | 44,501 | 7,746 | 59,757 |
| 31 | July 26, 2011 | July 27, 2011 | 16 | 39 | 624 | 527 | 37,917 | 2,451 | 154,636 | 14,880 | 210,411 |
| 32 | July 31, 2011 | August 1, 2011 | 44 | 39 | 1,716 | 822 | 54,387 | 5,302 | 417,142 | 21,676 | 499,329 |
| 32B | August 4, 2011 | August 5, 2011 | 47 | 39 | 1,833 | 1,372 | 54,988 | 5,701 | 477,182 | 10,183 | 549,426 |
| 33 | August 8, 2011 | August 8, 2011 | 41 | 15 | 615 | 402 | 14,738 | 2,552 | 317,129 | 3,982 | 338,803 |
| 33B | August 12, 2011 | August 13, 2011 | 23 | 39 | 897 | 359 | 8,353 | 2,243 | 304,280 | 4,922 | 320,157 |
| 34 | August 16, 2011 | August 17, 2011 | 10 | 39 | 390 | 116 | 2,212 | 828 | 111,268 | 2,518 | 116,942 |
| 34B | August 20, 2011 | August 21, 2011 | 4 | 39 | 156 | 65 | 855 | 211 | 47,235 | 786 | 49,152 |
| 35 | August 24, 2011 | August 25, 2011 | 18 | 39 | 702 | 15 | 1,816 | 830 | 210,698 | 4,944 | 218,303 |
| 36 | August 28, 2011 | August 29, 2011 | 12 | 39 | 468 | 28 | 1,958 | 1,520 | 182,492 | 5,478 | 191,476 |
| 36B | September 1, 2011 | September 2, 2011 | | 39 | | Confidential Information | | | | | |
| 37 | September 5, 2011 | September 6, 2011 | | 39 | | Confidential Information | | | | | |
| Weeks 28-30 | | | 50 | 84 | 4,200 | 583 | 25,280 | 6,647 | 154,787 | 67,747 | 255,044 |
| Weeks 31-36 | | | 215 | 405 | 87,075 | 3,706 | 177,224 | 21,638 | 2,222,062 | 69,369 | 2,493,999 |
| Season Total | | | 72 | 489 | 91,275 | 4,289 | 202,504 | 28,285 | 2,376,849 | 137,116 | 2,749,043 |

*includes data from confidential openings

Table 5. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 101 drift gillnet fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | Total |
|--------------|--------------------|--------------------|--------|-------|------------|---------|---------|--------|---------|---------|---------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 26 | June 19, 2011 | June 23, 2011 | 58 | 96 | 5,567 | 671 | 8,853 | 90 | 33 | 8,544 | 18,191 |
| 27 | June 26, 2011 | June 30, 2011 | 60 | 96 | 5,759 | 456 | 21,319 | 232 | 2,625 | 14,988 | 39,620 |
| 28 | July 3, 2011 | July 7, 2011 | 56 | 96 | 5,375 | 160 | 10,013 | 1,131 | 24,852 | 53,055 | 89,211 |
| 29 | July 10, 2011 | July 14, 2011 | 61 | 96 | 5,855 | 175 | 9,290 | 1,341 | 52,712 | 66,677 | 130,195 |
| 30 | July 17, 2011 | July 19, 2011 | 62 | 48 | 2,975 | 44 | 4,767 | 1,099 | 36,306 | 43,891 | 86,107 |
| 30B | July 22, 2011 | July 23, 2011 | 48 | 48 | 2,302 | 19 | 3,919 | 800 | 23,858 | 24,897 | 53,493 |
| 31 | July 24, 2011 | July 28, 2011 | 67 | 96 | 6,431 | 55 | 8,564 | 1,716 | 43,269 | 57,842 | 111,446 |
| 32 | July 31, 2011 | August 5, 2011 | 63 | 120 | 7,559 | 41 | 16,143 | 3,488 | 52,996 | 19,197 | 91,865 |
| 33 | August 7, 2011 | August 9, 2011 | 45 | 48 | 2,159 | 18 | 3,821 | 1,454 | 32,129 | 5,452 | 42,874 |
| 34 | August 14, 2011 | August 16, 2011 | 37 | 48 | 1,775 | 1 | 671 | 1,003 | 17,407 | 3,923 | 23,005 |
| 35 | August 21, 2011 | August 23, 2011 | 22 | 48 | 1,056 | 1 | 384 | 2,194 | 14,794 | 6,937 | 24,310 |
| 36 | August 28, 2011 | September 1, 2011 | 40 | 96 | 3,839 | 7 | 700 | 4,419 | 23,965 | 15,553 | 44,644 |
| 37 | September 4, 2011 | September 8, 2011 | 35 | 96 | 3,359 | 5 | 63 | 3,010 | 7,372 | 8,819 | 19,269 |
| 38 | September 11, 2011 | September 15, 2011 | 37 | 96 | 3,551 | 9 | 110 | 6,396 | 3,497 | 9,823 | 19,835 |
| 39 | September 18, 2011 | September 20, 2011 | 3 | 48 | 144 | 0 | 1 | 249 | 8 | 329 | 587 |
| Season Total | | | 88 | 1,176 | 57,708 | 1,662 | 88,618 | 28,622 | 335,823 | 339,927 | 794,652 |

Table 6. Weekly commercial catch and fishing effort by opening in the 2011 Alaska District 106 drift gillnet fishery (preliminary).

| Week | Openings | Closures | Effort | | | Catch | | | | | | |
|--------------|--------------------|--------------------|--------|-------|------------|---------|---------|---------|---------|---------|---------|---------|
| | | | Boats | Hours | Boat hours | Chinook | Sockeye | Coho | Pink | Chum | Total | |
| 25 | June 13, 2011 | June 15, 2011 | 75 | 48 | 3,599 | 294 | 2,050 | 3,551 | 53 | 673 | 6,621 | |
| 26 | June 20, 2011 | June 23, 2011 | 63 | 72 | 4,535 | 445 | 12,689 | 6,795 | 1,262 | 2,247 | 23,438 | |
| 27 | June 26, 2011 | June 30, 2011 | 60 | 96 | 5,759 | 669 | 32,120 | 18,690 | 10,370 | 6,569 | 68,418 | |
| 28 | July 3, 2011 | July 7, 2011 | 70 | 96 | 6,719 | 200 | 18,465 | 15,347 | 13,975 | 19,853 | 67,840 | |
| 29 | July 10, 2011 | July 12, 2011 | 63 | 48 | 3,023 | 89 | 13,836 | 7,923 | 13,878 | 24,095 | 59,821 | |
| 30 | July 17, 2011 | July 19, 2011 | 56 | 48 | 2,687 | 55 | 11,844 | 5,253 | 21,488 | 17,097 | 55,737 | |
| 31 | July 24, 2011 | July 26, 2011 | 58 | 48 | 2,783 | 37 | 13,290 | 4,774 | 34,170 | 19,553 | 71,824 | |
| 32 | July 31, 2011 | August 3, 2011 | 76 | 72 | 5,470 | 71 | 18,455 | 6,364 | 48,062 | 12,828 | 85,780 | |
| 33 | August 7, 2011 | August 10, 2011 | 71 | 72 | 5,111 | 146 | 17,749 | 6,640 | 71,611 | 6,575 | 102,721 | |
| 34 | August 14, 2011 | August 16, 2011 | 58 | 48 | 2,783 | 12 | 2,061 | 2,954 | 31,349 | 2,235 | 38,611 | |
| 35 | August 21, 2011 | August 23, 2011 | 54 | 48 | 2,591 | 3 | 1,355 | 3,696 | 27,082 | 5,298 | 37,434 | |
| 36 | August 28, 2011 | August 30, 2011 | 80 | 48 | 3,838 | 11 | 1,474 | 7,868 | 32,897 | 7,402 | 49,652 | |
| 37 | September 4, 2011 | September 7, 2011 | 73 | 72 | 5,255 | 27 | 472 | 9,353 | 15,886 | 13,990 | 39,728 | |
| 38 | September 11, 2011 | September 14, 2011 | 101 | 72 | 7,270 | 35 | 218 | 14,991 | 14,747 | 17,802 | 47,793 | |
| 39 | September 18, 2011 | September 20, 2011 | 25 | 48 | 1,200 | 3 | 10 | 2,011 | 278 | 1,025 | 3,327 | |
| 40 | September 25, 2011 | September 27, 2011 | 19 | 48 | 912 | 6 | 1 | 1,644 | 62 | 854 | 2,567 | |
| Season Total | | | 164 | 984 | 63,532 | 0 | 2,103 | 146,089 | 117,854 | 337,170 | 158,096 | 761,312 |

Table 7. Weekly commercial catch and fishing effort by opening in the 2011 Annette Island Reserve purse seine fishery (preliminary).

| Week | Openings | Closures | Effort | | Catch | | | | | |
|--------------|--------------------|--------------------|--------|-------|---------|---------|-------|---------|---------|---------|
| | | | Boats | Hours | Chinook | Sockeye | Coho | Pink | Chum | Total |
| 27 | June 26, 2011 | June 26, 2011 | 1 | 15 | 30 | 59 | 40 | 414 | 110 | 653 |
| 28 | July 4, 2011 | July 5, 2011 | 1 | 39 | 50 | 965 | 305 | 16,902 | 3,815 | 22,037 |
| 28B | July 8, 2011 | July 8, 2011 | 1 | 15 | 48 | 487 | 101 | 16,525 | 2,453 | 19,614 |
| 29 | July 10, 2011 | July 11, 2011 | 1 | 39 | 85 | 741 | 363 | 20,698 | 20,602 | 42,489 |
| 29B | July 15, 2011 | July 15, 2011 | 1 | 15 | 23 | 2,202 | 301 | 30,719 | 8,733 | 41,978 |
| 30 | July 18, 2011 | July 18, 2011 | 1 | 15 | 5 | 337 | 162 | 9,980 | 1,533 | 12,017 |
| 30B | July 21, 2011 | July 21, 2011 | 1 | 15 | 61 | 1,309 | 718 | 56,339 | 33,138 | 91,565 |
| 31 | July 24, 2011 | July 24, 2011 | 1 | 15 | 48 | 1,834 | 298 | 38,162 | 4,688 | 45,030 |
| 31B | July 26, 2011 | July 27, 2011 | 1 | 39 | 31 | 1,051 | 186 | 24,979 | 1,421 | 27,668 |
| 31C | July 29, 2011 | July 29, 2011 | 1 | 15 | 21 | 983 | 283 | 33,802 | 15,157 | 50,246 |
| 32 | August 1, 2011 | August 2, 2011 | 1 | 39 | 11 | 822 | 174 | 17,085 | 950 | 19,042 |
| 32B | August 6, 2011 | August 7, 2011 | 1 | 39 | 5 | 293 | 282 | 23,950 | 7,305 | 31,835 |
| 34 | August 14, 2011 | August 14, 2011 | 1 | 15 | 0 | 435 | 438 | 54,473 | 14,663 | 70,009 |
| 35 | August 18, 2011 | August 18, 2011 | 1 | 15 | 2 | 111 | 362 | 64,706 | 2,330 | 67,511 |
| 35B | August 21, 2011 | August 22, 2011 | 1 | 39 | 0 | 322 | 672 | 81,276 | 14,765 | 97,035 |
| 36 | September 3, 2011 | September 3, 2011 | 1 | 15 | 0 | 0 | 38 | 7,617 | 7,959 | 15,614 |
| 38 | September 11, 2011 | September 11, 2011 | 1 | 15 | 0 | 80 | 50 | 1,305 | 124 | 1,559 |
| 38B | September 15, 2011 | September 15, 2011 | 1 | 14 | 0 | 0 | 216 | 0 | 2,310 | 2,526 |
| 39 | September 19, 2011 | September 19, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39B | September 22, 2011 | September 22, 2011 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | September 25, 2011 | September 25, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40B | September 29, 2011 | September 29, 2011 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | October 2, 2011 | October 2, 2011 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| Season Total | | | | 486 | 420 | 12,031 | 4,989 | 498,932 | 142,056 | 658,428 |

All landing under Annette Island fisheries are placed under one Commercial Fisheries Entry Commission license, therefore it is shown as one boat.

Table 8. Weekly commercial catch and fishing effort by opening in the 2011 Annette Island Reserve gillnet fishery (preliminary).

| Week | Openings | Closures | Effort | | Catch | | | | | Total |
|--------------|--------------------|--------------------|--------|-------|---------|---------|--------|---------|---------|---------|
| | | | Boats | Hours | Chinook | Sockeye | Coho | Pink | Chum | |
| 25 | June 12, 2011 | July 15, 2011 | 1 | 792 | 1,097 | 8,938 | 2,296 | 66,509 | 78,769 | 157,609 |
| 26 | June 19, 2011 | June 23, 2011 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | June 26, 2011 | June 30, 2011 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | July 3, 2011 | July 7, 2011 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | July 10, 2011 | July 15, 2011 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | July 17, 2011 | July 21, 2011 | 1 | 96 | 90 | 3,029 | 820 | 35,482 | 56,057 | 95,478 |
| 31 | July 24, 2011 | July 29, 2011 | 1 | 120 | 74 | 2,377 | 1,058 | 22,512 | 37,850 | 63,871 |
| 32 | July 31, 2011 | August 4, 2011 | 1 | 96 | 10 | 1,396 | 675 | 15,009 | 17,518 | 34,608 |
| 33 | August 7, 2011 | August 11, 2011 | 1 | 96 | 5 | 749 | 318 | 15,646 | 10,819 | 27,537 |
| 34 | August 14, 2011 | August 18, 2011 | 1 | 96 | 1 | 539 | 913 | 28,853 | 21,525 | 51,831 |
| 35 | August 21, 2011 | August 24, 2011 | 1 | 72 | 0 | 212 | 1,594 | 28,676 | 20,270 | 50,752 |
| 36 | August 28, 2011 | September 1, 2011 | 1 | 96 | 0 | 52 | 2,400 | 28,876 | 21,016 | 52,344 |
| 37 | September 4, 2011 | September 8, 2011 | 1 | 96 | 0 | 6 | 6,962 | 1 | 5,016 | 11,985 |
| 38 | September 11, 2011 | September 15, 2011 | 1 | 96 | 0 | 0 | 7,145 | 0 | 10,421 | 17,566 |
| 39 | September 18, 2011 | September 22, 2011 | 1 | 96 | 0 | 0 | 8,617 | 0 | 5,122 | 13,739 |
| 40 | September 25, 2011 | September 29, 2011 | 1 | 96 | 0 | 0 | 9,729 | 0 | 2,881 | 12,610 |
| 41 | October 2, 2011 | October 5, 2011 | 1 | 72 | 0 | 0 | 5,480 | 0 | 936 | 6,416 |
| Season Total | | | 2,328 | 2,278 | 1,277 | 17,298 | 48,007 | 241,564 | 288,200 | 596,346 |

All landing under Annette Island fisheries are placed under one Commercial Fisheries Entry Commission license, therefore it is shown as one boat. Information is based solely on data given to the department by Annette Island salmon processors and is not confirmed by ADFG managers as complete.

Table 9. Southern Southeast Alaska pink salmon escapement indices by stock group and district for 2011 (in millions).

| Stock group | District | Total pink salmon management target | | | Met minimum escapement | Recent 10-year average |
|---------------------------------|----------|-------------------------------------|-------|-------|------------------------|------------------------|
| | | index 2011 | lower | upper | | |
| E Behm | 101 | 1.26 | 0.67 | 1.77 | | 1.87 |
| Portland | 101 | 0.48 | 0.10 | 0.28 | + | 0.31 |
| W Behm | 101 | 0.34 | 0.25 | 0.66 | | 0.60 |
| Kasaan | 102 | 0.70 | 0.24 | 0.64 | + | 0.90 |
| Moirá | 102 | 0.09 | 0.05 | 0.13 | | 0.12 |
| E Dall | 103 | 0.23 | 0.13 | 0.36 | | 0.33 |
| Hetta | 103 | 0.50 | 0.30 | 0.79 | | 0.67 |
| Klawock | 103 | 0.57 | 0.42 | 1.11 | | 1.26 |
| Sea Otter Sound | 103 | 0.20 | 0.10 | 0.28 | | 0.24 |
| Affleck Canal | 105 | 0.35 | 0.14 | 0.38 | | 0.34 |
| Shipley Bay | 105 | 0.23 | 0.11 | 0.28 | | 0.26 |
| Burnett | 106 | 0.04 | 0.05 | 0.14 | - | 0.15 |
| Ratz Harbor | 106 | 0.09 | 0.04 | 0.12 | | 0.15 |
| Totem Bay | 106 | 0.08 | 0.05 | 0.13 | | 0.12 |
| Whale Pass | 106 | 0.09 | 0.07 | 0.18 | | 0.16 |
| Anan | 107 | 0.13 | 0.21 | 0.57 | - | 0.48 |
| Union Bay | 107 | 0.07 | 0.05 | 0.12 | | 0.13 |
| Stikine | 108 | 0.03 | 0.02 | 0.06 | | 0.07 |
| Total | 101 | 2.08 | 1.02 | 2.71 | | 2.78 |
| Total | 102 | 0.80 | 0.29 | 0.77 | + | 1.02 |
| Total | 103 | 1.51 | 0.95 | 2.54 | | 2.51 |
| Total | 105 | 0.58 | 0.25 | 0.66 | | 0.61 |
| Total | 106 | 0.30 | 0.21 | 0.57 | | 0.58 |
| Total | 107 | 0.20 | 0.26 | 0.69 | - | 0.61 |
| Total | 108 | 0.03 | 0.02 | 0.06 | | 0.07 |
| Southern Southeast Alaska Total | | 5.50 | 3.00 | 8.00 | | 8.2 million |

Table 10. Preliminary annual allowable harvest (AAH) calculations for the Alaska District 104 Week 27-30 purse seine fishery, 1999-2011.

| Year | Nass & Skeena River Total Return | Nass & Skeena Escapement ^a | Allowable Nass & Skeena AAH | Allowable District 104 Purse Seine Harvest (2.45%) | Total Pre-Week 31 Sockeye Harvest | Actual Nass & Skeena Harvest in District 104 Purse Seine Fishery | Cumulative: overage (+) or underage (-) |
|-------------------|---|--|-----------------------------------|--|--|--|--|
| 1999 | 1,771,048 | 936,705 | 834,343 | 20,441 | 7,664 | 3,232 | -17,209 |
| 2000 | 5,318,228 | 1,100,000 | 4,218,228 | 103,347 | 48,969 | 29,221 | -91,335 |
| 2001 | 4,965,291 | 1,100,000 | 3,865,291 | 94,700 | 203,090 | 167,854 | -18,181 |
| 2002 | 2,776,502 | 1,051,533 | 1,725,169 | 42,267 | 26,554 | 18,627 | -41,820 |
| 2003 | 3,306,520 | 1,100,000 | 2,206,520 | 54,060 | 84,742 | 44,258 | -51,622 |
| 2004 | 2,621,000 | 1,100,000 | 1,521,000 | 37,265 | 30,758 | 19,233 | -69,653 |
| 2005 | 1,770,474 | 1,100,000 | 770,330 | 18,873 | 35,690 | 19,442 | -69,085 |
| 2006 | 3,650,525 | 1,100,000 | 2,550,525 | 62,488 | 89,615 | 68,940 | -62,632 |
| 2007 | 2,752,074 | 1,100,000 | 1,652,074 | 40,476 | 112,135 | 75,615 | -27,493 |
| 2008 | 2,531,701 | 1,100,000 | 1,431,701 | 35,077 | 6,262 | 4,880 | -57,690 |
| 2009 ^b | 1,524,000 | 1,040,000 | 484,000 | 11,858 | 15,971 | 11,180 | -58,368 |
| 2010 ^b | 1,406,016 | 890,820 | 515,196 | 12,622 | 4,617 | 3,232 | -67,758 |
| 2011 ^b | 2,490,000 | 1,100,000 | 1,390,000 | 34,055 | 25,280 | 17,696 | -84,117 |

^a AAH escapement is calculated as the lower of, 200,000 (the goal) or the actual spawning escapement.

^b Preliminary information based on average harvest rates pending completion of run reconstruction analyses.

Table 11. Preliminary annual allowable harvest (AAH) calculations for the Alaska District 101 gillnet fishery, 1999-2011.

| Year | Nass River Total Return | Nass River Escapement ^a | Allowable Nass River AAH | Allowable District 101 Gillnet Harvest (13.8%) | Total Sockeye Harvest | Actual Nass River Alaska Harvest | Cumulative: overage (+) or underage (-) |
|-------------------|-------------------------------|---------------------------------------|--------------------------------|--|-----------------------------|---|--|
| 1999 | 842,806 | 200,000 | 642,806 | 88,707 | 160,028 | 129,794 | 41,087 |
| 2000 | 625,983 | 200,000 | 425,983 | 58,786 | 94,651 | 46,305 | 28,606 |
| 2001 | 580,616 | 167,258 | 413,358 | 57,043 | 80,041 | 55,096 | 26,659 |
| 2002 | 1,403,976 | 200,000 | 1,203,976 | 166,149 | 120,353 | 90,553 | -48,937 |
| 2003 | 1,177,472 | 200,000 | 977,472 | 134,891 | 105,263 | 72,942 | -110,886 |
| 2004 | 986,098 | 200,000 | 786,098 | 108,482 | 142,357 | 110,340 | -109,028 |
| 2005 | 666,880 | 200,000 | 466,880 | 64,429 | 79,725 | 55,319 | -118,138 |
| 2006 | 775,110 | 200,000 | 575,110 | 79,365 | 62,770 | 47,948 | -149,555 |
| 2007 | 602,208 | 164,745 | 437,463 | 60,370 | 66,822 | 46,369 | -163,556 |
| 2008 | 380,397 | 200,000 | 180,397 | 24,895 | 34,113 | 24,359 | -164,092 |
| 2009 ^b | 460,000 | 200,000 | 260,000 | 35,880 | 69,859 | 48,901 | -151,071 |
| 2010 ^b | 442,178 | 200,000 | 242,178 | 33,421 | 62,651 | 43,856 | -140,635 |
| 2011 ^b | 570,000 | 200,000 | 370,000 | 51,060 | 88,618 | 62033 | -129,662 |

^a AAH escapement is calculated as the lower of: 200,000 (the goal) or the actual spawning escapement.

^b Preliminary information based on average harvest rates pending completion of run reconstruction analyses.

Table 12. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 gillnet week

weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|----------------------|-----------|-------------|---------|------|------|------|---------|-------|------------|------------|----------------|
| FISHERY DID NOT OPEN | | | - | - | - | - | - | - | - | - | - |
| TOTAL | | | - | - | - | - | - | - | - | - | - |

2011 Catch figures are based on Fisheries Management In-Season Hail Estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 13. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 purse seine weekly hauled catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|----------------------|-----------|-------------|---------|------|------|------|---------|-------|------------|------------|----------------|
| FISHERY DID NOT OPEN | | | - | - | - | - | - | - | - | - | - |
| Total | | | - | - | - | - | - | - | - | - | - |

2011 Catch figures are based on Fisheries Management In-Season Hail Estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 14. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 troll weekly hailed catch 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook*** | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|--------------|----------------|---------------|----------|---------------|----------------|--------------|--------------|----------------|
| 24 | 62 | Jun.11 | CLOSED | CLOSED | 77 | CLOSED | 24,340 | 24,417 | 240 | 72 | 3 |
| 25 | 63 | Jun.18 | CLOSED | CLOSED | 706 | CLOSED | 28,758 | 29,464 | 480 | 168 | 7 |
| 26 | 64 | Jun.25 | CLOSED | CLOSED | 231 | CLOSED | 9,194 | 9,425 | 147 | 168 | 7 |
| 27 | 71 | Jul.02 | 26 | 1,050 | 1,966 | CLOSED | CLOSED | 3,042 | 27 | 168 | 7 |
| 28 | 72 | Jul.9 | 368 | 19,997 | 6,236 | CLOSED | CLOSED | 26,601 | 148 | 168 | 7 |
| 29 | 73 | Jul.16 | 767 | 61,623 | 6,110 | CLOSED | CLOSED | 68,500 | 309 | 168 | 7 |
| 30 | 74 | Jul.23 | 377 | 51,830 | 4,802 | CLOSED | CLOSED | 57,009 | 362 | 168 | 7 |
| 31 | 75 | Jul.30 | 739 | 42,235 | 7,192 | CLOSED | CLOSED | 50,166 | 368 | 168 | 7 |
| 32 | 81 | Aug.06 | 2,626 | 21,900 | 12,858 | CLOSED | CLOSED | 37,384 | 288 | 168 | 7 |
| 33 | 82 | Aug.13 | 728 | 9,943 | 6,394 | CLOSED | CLOSED | 17,065 | 175 | 168 | 7 |
| 34 | 83 | Aug.20 | 217 | 4,777 | 1,760 | CLOSED | CLOSED | 6,754 | 91 | 168 | 7 |
| 35 | 84 | Aug.27 | 231 | 4,111 | 2,767 | CLOSED | CLOSED | 7,109 | 83 | 168 | 7 |
| 36 | 91 | Sept.03 | 27 | 1,683 | 920 | CLOSED | CLOSED | 2,630 | 49 | 168 | 7 |
| 37 | 92 | Sept.10 | 11 | 845 | 152 | CLOSED | CLOSED | 1,008 | 20 | 168 | 7 |
| 38 | 93 | Sept.17 | 35 | 285 | 50 | CLOSED | CLOSED | 370 | 15 | 168 | 7 |
| 39 | 94 | Sept.24 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 40 | 101 | Oct.01 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 144 | 6 |
| Totals | | | 6,152 | 220,279 | 52,221 | 0 | 62,292 | 340,944 | 2,802 | 2,736 | 114 |

2011 non-Chinook catch figures are based on fisheries management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

*** Chinook Area hail catch pro-rated with validated Chinook landings.

Table 15. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 Entrance (sub-areas 3-1 to 3-4) gillnet weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|------------|---------------|----------|-----------|---------------|------------|------------|----------------|
| 26 | 64 | Jun.25 | 210 | Closed | 0 | Closed | 3 | 213 | 2 | 16 | 1 |
| 27 | 71 | Jul.02 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 28 | 72 | Jul.9 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 29 | 73 | Jul.16 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 30 | 74 | Jul.23 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 31 | 75 | Jul.30 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 32 | 81 | Aug.06 | 7,977 | 412 | 4,796 | Closed | 0 | 13,185 | 47 | 32 | 2 |
| 33 | 82 | Aug.13 | 7,559 | 388 | 5,514 | Closed | 9 | 13,470 | 38 | 15 | 1 |
| Totals | | | 15,746 | 800 | 10,310 | 0 | 12 | 26,868 | 87 | 63 | 4 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 16. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 Inside (sub-areas 7 to 17) gillnet weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|------------|---------------|----------|--------------|---------------|------------|------------|----------------|
| 26 | 64 | Jun.25 | 6,591 | Closed | 0 | Closed | 182 | 6,773 | 81 | 16 | 1 |
| 27 | 71 | Jul.02 | 8,553 | Closed | 6 | Closed | 456 | 9,015 | 173 | 32 | 2 |
| 28 | 72 | Jul.9 | 31,682 | Closed | 9104 | Closed | 387 | 41,173 | 282 | 48 | 3 |
| 29 | 73 | Jul.16 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 30 | 74 | Jul.23 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 31 | 75 | Jul.30 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 32 | 81 | Aug.06 | 3,626 | 386 | 5,677 | Closed | 0 | 9,689 | 37 | 32 | 2 |
| 33 | 82 | Aug.13 | 3,422 | 90 | 2,448 | Closed | 0 | 5,960 | 10 | 15 | 1 |
| 34 | 83 | Aug.20 | 228 | 88 | 1,433 | Closed | 0 | 1,749 | 6 | 15 | 1 |
| Totals | | | 84,102 | 884 | 18,688 | 0 | 1,025 | 74,389 | 889 | 168 | 10 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 17. Department of Fisheries and Oceans commercial salmon harvest report, total Area 3 weekly gillnet hauled catch 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|--------------|---------------|----------|--------------|----------------|------------|------------|----------------|
| 26 | 64 | Jun.25 | 6,801 | Closed | 0 | Closed | 185 | 6,986 | 83 | 16 | 1 |
| 27 | 71 | Jul.02 | 8,553 | Closed | 8 | Closed | 496 | 9,015 | 173 | 32 | 2 |
| 28 | 72 | Jul.9 | 31,682 | Closed | 9,104 | Closed | 387 | 41,173 | 262 | 48 | 3 |
| 29 | 73 | Jul.16 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 30 | 74 | Jul.23 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 31 | 75 | Jul.30 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 32 | 81 | Aug.06 | 11,603 | 798 | 10,473 | Closed | 0 | 22,874 | 83 | 32 | 2 |
| 33 | 82 | Aug.13 | 10,981 | 478 | 7,962 | Closed | 9 | 19,430 | 48 | 15 | 1 |
| 34 | 83 | Aug.20 | 455 | 86 | 1,433 | Closed | 0 | 1,974 | 6 | 15 | 1 |
| Totals | | | 78,978 | 1,364 | 28,978 | 0 | 1,837 | 101,664 | 678 | 188 | 18 |

2011 catch figures are based on Fisheries Management in-season haul estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 18. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 Entrance (sub-areas 3-1 to 3-4) purse seine weekly hauled catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|--------------|----------------|----------|----------|----------------|------------|------------|----------------|
| 29 | 73 | Jul.16 | 519 | Closed | 12,818 | Closed | Closed | 13,337 | 5 | 16 | 1 |
| 30 | 74 | Jul.23 | Closed | Closed | 12,787 | Closed | Closed | 12,787 | 3 | 16 | 1 |
| 31 | 75 | Jul.30 | 25,461 | Closed | 95,071 | Closed | Closed | 120,532 | 31 | 32 | 2 |
| 32 | 81 | Aug.06 | 10,557 | 1,751 | 29,771 | Closed | Closed | 42,079 | 21 | 32 | 2 |
| Totals | | | 36,537 | 1,751 | 150,447 | 0 | 0 | 188,735 | 60 | 96 | 6 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 19. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 Inside (sub-areas 7 to 17) purse seine weekly hauled

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|-------------|-----------|-------------|---------|--------|---------|--------|---------|---------|------------|------------|----------------|
| 29 | 73 | Jul.16 | 365 | Closed | 1,544 | Closed | Closed | 1,909 | 3 | 16 | 1 |
| 30 | 74 | Jul.23 | Closed | Closed | 15,916 | Closed | Closed | 15,916 | 3 | 16 | 1 |
| 31 | 75 | Jul.30 | 20,605 | Closed | 72,107 | Closed | Closed | 92,712 | 33 | 32 | 2 |
| 32 | 81 | Aug.06 | 2,925 | 1,225 | 49,893 | Closed | Closed | 54,043 | 9 | 32 | 2 |
| Totals | | | 23,885 | 1,225 | 139,460 | 0 | 0 | 164,570 | 48 | 96 | 6 |

2011 catch figures are based on Fisheries Management in-season haul estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 20. Department of Fisheries and Oceans commercial salmon harvest report, total Area 3 purse seine weekly hauled catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|--------------|----------------|----------|----------|----------------|------------|------------|----------------|
| 29 | 73 | Jul.16 | 874 | Closed | 14,362 | Closed | Closed | 15,236 | 8 | 16 | 1 |
| 30 | 74 | Jul.23 | Closed | Closed | 28,703 | Closed | Closed | 28,703 | 6 | 16 | 1 |
| 31 | 75 | Jul.30 | 46,066 | Closed | 167,178 | Closed | Closed | 213,244 | 65 | 32 | 2 |
| 32 | 81 | Aug.06 | 13,482 | 2,976 | 79,664 | Closed | Closed | 96,122 | 31 | 32 | 2 |
| Totals | | | 60,422 | 2,976 | 289,907 | 0 | 0 | 353,305 | 110 | 96 | 6 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 21. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 troll weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|-----------|--------------|------------|----------|----------|--------------|------------|--------------|----------------|
| 29 | 73 | Jul.16 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 48 | 2 |
| 30 | 74 | Jul.23 | | CONFIDENTIAL | | CLOSED | CLOSED | 0 | 1 | 168 | 7 |
| 31 | 75 | Jul.30 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 32 | 81 | Aug.06 | 4 | 485 | 101 | CLOSED | CLOSED | 590 | 4 | 168 | 7 |
| 33 | 82 | Aug.13 | 6 | 355 | 56 | CLOSED | CLOSED | 417 | 4 | 168 | 7 |
| 34 | 83 | Aug.20 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 35 | 84 | Aug.27 | 0 | 606 | 0 | CLOSED | CLOSED | 606 | 4 | 168 | 7 |
| 36 | 91 | Sept.03 | 0 | 751 | 0 | CLOSED | CLOSED | 751 | 4 | 168 | 7 |
| 37 | 92 | Sept.10 | | CONFIDENTIAL | | CLOSED | CLOSED | 0 | 1 | 168 | 7 |
| 38 | 93 | Sept.17 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 39 | 94 | Sept.24 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 40 | 101 | Oct.01 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 144 | 6 |
| Totals | | | 10 | 2,348 | 157 | 0 | 0 | 2,364 | 18 | 1,872 | 78 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 22. Department of Fisheries and Oceans commercial salmon harvest report, Area 4 gillnet weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|----------------|--------------|---------------|----------|--------------|----------------|--------------|------------|----------------|
| 26 | 64 | Jun.25 | Closed | Closed | 0 | Closed | 1,193 | 1,193 | 85 | 30 | 1 |
| 27 | 71 | Jul.02 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 28 | 72 | Jul.9 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 29 | 73 | Jul.16 | 27,662 | Closed | 1,756 | Closed | 182 | 29,600 | 157 | 16 | 1 |
| 30 | 74 | Jul.23 | 47,888 | Closed | 8,731 | Closed | 144 | 56,763 | 168 | 16 | 1 |
| 31 | 75 | Jul.30 | 48,095 | Closed | 23,808 | Closed | 42 | 71,945 | 155 | 16 | 1 |
| 32 | 81 | Aug.06 | 69,128 | 491 | 30,136 | Closed | 75 | 99,831 | 249 | 30 | 2 |
| 33 | 82 | Aug.13 | 50,360 | 1,203 | 26,195 | Closed | 29 | 77,787 | 199 | 30 | 2 |
| 34 | 83 | Aug.20 | 5,917 | 817 | 5,116 | Closed | 0 | 11,850 | 57 | 15 | 1 |
| Totals | | | 249,060 | 2,511 | 95,742 | 0 | 1,666 | 348,969 | 1,070 | 163 | 9 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 23. Department of Fisheries and Oceans commercial salmon harvest report, Area 4 purse seine weekly hauled catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|---------------|--------------|---------------|----------|----------|----------------|------------|------------|----------------|
| 29 | 73 | Jul.16 | 22,612 | Closed | 3,712 | Closed | Closed | 26,324 | 40 | 42 | 2 |
| 30 | 74 | Jul.23 | 3,319 | Closed | 821 | Closed | Closed | 4,140 | 8 | 86 | 4 |
| 31 | 75 | Jul.30 | Closed | Closed | Closed | Closed | Closed | 0 | 0 | 0 | 0 |
| 32 | 81 | Aug.06 | 6,929 | 371 | 18,758 | Closed | Closed | 26,056 | 9 | 42 | 2 |
| 33 | 82 | Aug.13 | 24,973 | 2,663 | 58,786 | Closed | Closed | 86,422 | 53 | 104 | 5 |
| 34 | 83 | Aug.20 | 3,010 | 876 | 15,893 | Closed | Closed | 19,779 | 7 | 22 | 1 |
| Totals | | | 60,843 | 3,910 | 97,970 | 0 | 0 | 162,723 | 117 | 296 | 14 |

2011 catch figures are based on Fisheries Management in-season hail estimates.

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 24. Department of Fisheries and Oceans commercial salmon harvest report, Area 4 troll weekly hauled catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|-----------|---------------|--------------|----------|----------|---------------|------------|--------------|----------------|
| 29 | 73 | Jul.18 | 1 | 8,004 | 233 | CLOSED | CLOSED | 8,238 | 27 | 48 | 2 |
| 30 | 74 | Jul.23 | 9 | 18,596 | 926 | CLOSED | CLOSED | 19,531 | 67 | 198 | 7 |
| 31 | 75 | Jul.30 | 14 | 10,280 | 711 | CLOSED | CLOSED | 11,005 | 64 | 198 | 7 |
| 32 | 81 | Aug.06 | 22 | 7,810 | 285 | CLOSED | CLOSED | 7,897 | 67 | 198 | 7 |
| 33 | 82 | Aug.13 | 5 | 1,375 | 82 | CLOSED | CLOSED | 1,457 | 15 | 198 | 7 |
| 34 | 83 | Aug.20 | 8 | 1,278 | 126 | CLOSED | CLOSED | 1,412 | 14 | 198 | 7 |
| 35 | 84 | Aug.27 | 24 | 730 | 132 | CLOSED | CLOSED | 866 | 6 | 198 | 7 |
| 36 | 91 | Sept.03 | 9 | 368 | 6 | CLOSED | CLOSED | 373 | 5 | 198 | 7 |
| 37 | 92 | Sept.10 | 0 | 526 | 15 | CLOSED | CLOSED | 541 | 6 | 198 | 7 |
| 38 | 93 | Sept.17 | 0 | 947 | 8 | CLOSED | CLOSED | 955 | 8 | 198 | 7 |
| 39 | 94 | Sept.24 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 198 | 7 |
| 40 | 101 | Oct.01 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 144 | 6 |
| Totals | | | 92 | 49,684 | 2,396 | 0 | 0 | 52,281 | 299 | 1,872 | 78 |

2011 catch figures are based on Fisheries Management in-season haul estimates.

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 25. Department of Fisheries and Oceans commercial salmon harvest report, Area 5 gillnet weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|--------------|--------------|--------------|----------|----------|--------------|------------|------------|----------------|
| 29 | 73 | Jul.16 | | CONFIDENTIAL | | Closed | | CONFIDENTIAL | | 16 | 1 |
| 30 | 74 | Jul.23 | 1,271 | Closed | 851 | Closed | 0 | 2,122 | 5 | 16 | 1 |
| 31 | 75 | Jul.30 | | CONFIDENTIAL | | Closed | | CONFIDENTIAL | | 16 | 1 |
| 32 | 81 | Aug.06 | 0 | 0 | 0 | Closed | 0 | 0 | 0 | 30 | 2 |
| 33 | 82 | Aug.13 | 0 | 0 | 0 | Closed | 0 | 0 | 0 | 30 | 2 |
| 34 | 83 | Aug.20 | 0 | 0 | 0 | Closed | 0 | 0 | 0 | 15 | 1 |
| Totals | | | 1,610 | 0 | 1,181 | 0 | 0 | 2,122 | 7 | 123 | 8 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 26. Department of Fisheries and Oceans commercial salmon harvest report, Area 5 purse

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Line weekly hailed catch, 2011 (preliminary). | | | |
|----------------------|-----------|-------------|---------|------|------|------|---------|---|------------|------------|----------------|
| | | | | | | | | Total | Boat Days* | Hours Open | Days Fishing** |
| FISHERY DID NOT OPEN | | | | | | | | - | - | - | - |
| Total | | | | | | | | - | - | - | - |

2011 Catch figures are based on Fisheries Management in-Season Hail Estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 27. Department of Fisheries and Oceans commercial salmon harvest report, Area 5 troll weekly hailed catch, 2011 (preliminary).

| Julian Week | Stat Week | Ending Date | Sockeye | Coho | Pink | Chum | Chinook | Total | Boat Days* | Hours Open | Days Fishing** |
|---------------|-----------|-------------|----------|--------------|-----------|----------|----------|--------------|------------|--------------|----------------|
| 29 | 73 | Jul.16 | | CONFIDENTIAL | | CLOSED | CLOSED | CONFIDENTIAL | | 48 | 2 |
| 30 | 74 | Jul.23 | 0 | 433 | 10 | CLOSED | CLOSED | 443 | 6 | 168 | 7 |
| 31 | 75 | Jul.30 | 0 | 252 | 5 | CLOSED | CLOSED | 257 | 3 | 168 | 7 |
| 32 | 81 | Aug.06 | 0 | 92 | 3 | CLOSED | CLOSED | 95 | 3 | 168 | 7 |
| 33 | 82 | Aug.13 | | CONFIDENTIAL | | CLOSED | CLOSED | CONFIDENTIAL | | 168 | 7 |
| 34 | 83 | Aug.20 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 35 | 84 | Aug.27 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 36 | 91 | Sept.03 | | CONFIDENTIAL | | CLOSED | CLOSED | CONFIDENTIAL | | 168 | 7 |
| 37 | 92 | Sept.10 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 38 | 93 | Sept.17 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 39 | 94 | Sept.24 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 168 | 7 |
| 40 | 101 | Oct.01 | 0 | 0 | 0 | CLOSED | CLOSED | 0 | 0 | 144 | 6 |
| Totals | | | 0 | 1,147 | 20 | 0 | 0 | 795 | 16 | 1,872 | 78 |

2011 catch figures are based on Fisheries Management in-season hail estimates

* Boat Days are represented in 24-hour format.

** Days Fishing are the sum of the daily fishery openings independent of hours open.

Table 28. Preliminary annual allowable harvest (AAH) calculations for Canadian Area 3 Entrance (1-4) net fishery, 2011¹.

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Year 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|-------------|-------------|-------------|
| <i>Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon:</i> | | | | | | | | | | | | | |
| Total Run [Sum of Aft. catch of AK, BC catch of AK, and Dist 101-103 net index x 2.5] | 53,011,083 | 22,935,854 | 62,126,912 | 43,056,270 | 42,771,456 | 34,999,070 | 43,651,072 | 11,524,895 | 52,342,831 | 25,728,121 | 38,891,939 | 23,621,861 | 20,723,486 |
| Actual Escapement [Dist 101-103 index x 2.5] | 19,900,203 | 11,936,450 | 21,903,643 | 20,178,163 | 20,047,003 | 16,789,281 | 17,519,566 | 8,532,450 | 23,578,584 | 13,669,062 | 16,095,463 | 12,113,776 | 11,519,923 |
| Escapement Requirement [Dist 101-103 escapement goal] | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 |
| Annual Allowable Harvest (AAH) | 42,261,083 | 12,185,854 | 51,376,912 | 32,308,270 | 32,021,456 | 24,249,070 | 32,901,072 | 2,992,245 | 41,592,831 | 14,978,121 | 28,141,939 | 12,871,861 | 9,973,486 |
| <i>Actual Number and %AAH of Alaska Pink Salmon Harvested in Canadian Area 3(1-4) Net Fishery:</i> | | | | | | | | | | | | | |
| Total Pink Harvest in Area 3(1-4) Net | 2,224,180 | 89,980 | 1,155,691 | 1,163,645 | 924,183 | 559,034 | 894,890 | 143,733 | 1,740,271 | 12,082 | 432,861 | 36,334 | 160,757 |
| Actual Number of Alaskan Pink Harvested | 1,276,329 | 67,465 | 911,969 | 766,390 | 668,100 | 448,730 | 690,317 | 112,342 | 1,421,812 | 10,580 | 276,270 | 21,353 | 145,919 |
| Actual %AAH | 3.02% | 0.55% | 1.78% | 2.37% | 2.09% | 1.85% | 2.10% | 3.75% | 3.42% | 0.07% | 0.98% | 0.17% | 1.46% |
| <i>Overage/Underage Based on the 2.49% AAH Stipulated in the Treaty:</i> | | | | | | | | | | | | | |
| Allowable % Aft | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% | 2.49% |
| Allowable Harvest | 1,052,301 | 303,428 | 1,279,285 | 804,428 | 797,334 | 603,802 | 819,237 | 74,507 | 1,035,661 | 372,955 | 700,734 | 320,509 | 248,340 |
| Overage (Positive)/Underage (Negative) | 224,028 | (235,963) | (367,326) | (38,036) | (129,234) | (155,072) | (128,920) | 37,836 | 386,150 | (362,375) | (424,464) | (299,156) | (102,421) |
| Cumulative Overage/Underage | 224,028 | (11,934) | (379,260) | (417,296) | (546,530) | (701,602) | (830,522) | (792,687) | (406,536) | (788,912) | (1,193,376) | (1,492,532) | (1,594,953) |

¹ Canadian and Alaskan pink salmon catch data for 1999-2006 were reviewed and updated, which changed the preliminary AAH calculations reported in the 2006 NBTC Annual Report

Table 29. Preliminary annual allowable harvest (AAH) calculations for Canadian Area 1 troll fishery, 2011¹.

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | Year 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|------------|------------|------------|
| Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon: | | | | | | | | | | | | | |
| Total Run | 53,011,063 | 22,935,854 | 62,126,912 | 43,056,270 | 42,771,456 | 34,999,070 | 43,851,072 | 11,524,695 | 52,342,831 | 25,726,121 | 38,891,939 | 23,621,861 | 20,723,486 |
| Actual Escapement | 19,900,203 | 11,936,450 | 21,903,643 | 20,178,163 | 20,047,003 | 16,769,261 | 17,519,566 | 8,532,450 | 23,578,584 | 13,689,062 | 16,095,463 | 12,113,776 | 11,519,923 |
| Escapement Requirement | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 | 10,750,000 |
| Annual Allowable Harvest (AAH) | 42,261,063 | 12,185,854 | 51,376,912 | 32,306,270 | 32,021,456 | 24,240,070 | 32,901,072 | 2,992,245 | 41,562,831 | 14,976,121 | 28,141,939 | 12,871,861 | 9,973,486 |
| Actual Number and %AAH of Alaska Pink Salmon Harvested in Canadian Area 1 Troll Fishery: | | | | | | | | | | | | | |
| Total Pink Harvest in Area 1 Troll | 31,013 | 73,358 | 132,709 | 22,918 | 74,160 | 22,198 | 27,768 | 34,854 | 61,276 | 23,243 | 61,522 | 17,950 | 82,221 |
| Actual Number of Alaskan Pink Harvested | 25,125 | 56,042 | 116,490 | 17,723 | 61,284 | 19,499 | 23,098 | 30,134 | 55,418 | 21,171 | 50,392 | 12,708 | 49,525 |
| Actual %AAH | 0.06% | 0.46% | 0.23% | 0.05% | 0.19% | 0.09% | 0.07% | 1.01% | 0.13% | 0.14% | 0.18% | 0.10% | 0.50% |
| Overage/Underage Based on the 2.57% AAH Stipulated in the Treaty: | | | | | | | | | | | | | |
| Allowable %AAH | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% | 2.57% |
| Allowable Harvest | 1,086,110 | 313,176 | 1,320,387 | 830,271 | 822,951 | 623,201 | 845,558 | 76,901 | 1,068,936 | 384,938 | 723,248 | 330,807 | 256,319 |
| Overage (Positive)/Underage (Negative) | -1,060,984 | -257,134 | -1,203,898 | -812,548 | -761,668 | -603,702 | -822,460 | -46,767 | -1,013,518 | -363,766 | -672,855 | -318,099 | -206,794 |
| Cumulative Overage/Underage | -1,060,984 | -1,318,119 | -2,522,015 | -3,334,563 | -4,096,231 | -4,899,933 | -5,522,393 | -5,569,160 | -6,582,678 | -6,946,444 | -7,619,300 | -7,937,399 | -8,144,192 |

¹ Canadian and Alaskan pink salmon catch data for 1999-2006 were reviewed and updated, which changed the preliminary AAH calculations reported in the 2006 NBTC Annual Report.

Table 30. Department of Fisheries and Oceans, 2011 escapements to Areas 3, 4, and 5 (preliminary).

| Area | Sockeye | Coho | Pink | Chum | Chinook |
|---------------|----------------|----------------|----------------|---------------|---------------|
| 3 | 276,711 | 85,317 | 142,087 | 8,072 | 10,357 |
| 4 | 676,086 | 26,614 | 252,219 | 3,264 | 37,073 |
| 5 | 360 | 495 | 37,215 | 684 | UNK |
| Totals | 953,157 | 112,426 | 431,521 | 12,020 | 47,430 |

Table 31. Department of Fisheries and Oceans, 2012 salmon forecast, Areas 1, 3, 4, and 5.

| Area | Species | Forecasted Return to Canada |
|--------|-----------------|--------------------------------|
| Area 1 | Sockeye Pink | Unknown Good |
| Area 3 | Sockeye Pink | 446,000 Poor |
| Area 4 | Sockeye Pink | 1,500,000 Very Poor |
| Area 5 | Sockeye Pink | Unknown Very Poor |

Table 32. Annual effort data for Canadian Areas 1, 3, 4, and 5.

| YEAR | GEAR | AREA 1 | | AREA 3 | | AREA 4 | | AREA 5 | |
|-----------|------|---------------|------------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|
| | | BOAT* DAYS | DAYS* FISHING | BOAT DAYS | DAYS FISHING | BOAT DAYS | DAYS FISHING | BOAT DAYS | DAYS FISHING |
| 1980 | GN | 0 | 0 | 2080 | 20 | 5720 | 13 | 952 | 10 |
| | SH | 0 | 0 | 912 | 20 | 0 | 2 | 190 | 16 |
| 1981 | GN | 0 | 0 | 2127 | 26 | 13170 | 26 | 563 | 11 |
| | SH | 0 | 0 | 1180 | 26 | 401 | 8 | 48 | 11 |
| 1982 | GN | 0 | 0 | 3155 | 34 | 5780 | 18 | 540 | 17 |
| | SH | 0 | 0 | 1040 | 34 | 927 | 8 | 187 | 17 |
| 1983 | GN | 6 | 12 | 2377 | 30 | 4880 | 19 | 601 | 14 |
| | SH | 106 | 12 | 3157 | 32 | 0 | 0 | 96 | 14 |
| 1984 | GN | 18 | 27 | 2839 | 33 | 7780 | 20 | 430 | 16 |
| | SH | 543 | 27 | 1580 | 30 | 781 | 9 | 360 | 14 |
| 1985 | GN | 74 | 24 | 813 | 21 | 12664 | 28 | 160 | 16 |
| | SH | 241 | 24 | 1080 | 17 | 919 | 9 | 241 | 12 |
| 1986 | GN | 340 | 27 | 1125 | 26 | 8865 | 21 | 629 | 25 |
| | SH | 328 | 26 | 1321 | 24 | 66 | 8 | 380 | 20 |
| 1987 | GN | 26 | 13 | 1015 | 19 | 5853 | 17 | 192 | 13 |
| | SH | 158 | 13 | 1780 | 18 | 215 | 7 | 280 | 12 |
| 1988 | GN | 66 | 18 | 737 | 19 | 14141 | 23 | 388 | 17 |
| | SH | 180 | 18 | 880 | 16 | 273 | 4 | 239 | 16 |
| 1989 | GN | 20 | 11 | 1635 | 26 | 8839 | 29 | 429 | 20 |
| | SH | 79 | 11 | 1080 | 19 | 70 | 19 | 87 | 17 |
| 1990 | GN | 12 | 17 | 877 | 28 | 8563 | 32 | 292 | 21 |
| | SH | 210 | 17 | 596 | 15 | 80 | 20 | 286 | 16 |
| 1991 | GN | 15 | 13 | 1813 | 26 | 10831 | 26 | 275 | 24 |
| | SH | 84 | 8 | 2058 | 18 | 179 | 7 | 230 | 18 |
| 1992 | GN | 80 | 21 | 2537 | 31 | 12110 | 20 | 380 | 24 |
| | SH | 230 | 19 | 1016 | 19 | 187 | 10 | 139 | 17 |
| 1993 | GN | 26 | 10 | 3892 | 43 | 10880 | 22 | 189 | 20 |
| | SH | 15 | 10 | 1910 | 19 | 329 | 12 | 71 | 13 |
| 1994 | GN | 80 | 19 | 3443 | 23 | 8130 | 28 | 430 | 12 |
| | SH | 184 | 7 | 868 | 9 | 0 | 0 | 0 | 1 |
| 1995 | GN | 270 | 29 | 4385 | 31 | 12982 | 19 | 434 | 20 |
| | SH | 322 | 7 | 2538 | 15 | 496 | 8 | 164 | 13 |
| 1996 | GN | 19 | 18 | 4433 | 26 | 13487 | 25 | 697 | 28 |
| | SH | 78 | 15 | 1117 | 20 | 670 | 14 | 347 | 19 |
| 1997 | GN | 930 | 29 | 2730 | 23 | 8860 | 21 | 280 | 20 |
| | SH | 313 | 8 | 898 | 19 | 172 | 11 | 28 | 12 |
| 1998 | GN | 0 | 11 | 1197 | 18 | 1081 | 8 | 47 | 3 |
| | SH | 13 | 3 | 284 | 9 | 0 | 0 | 4 | 9 |
| 1999 | GN | 1 | 0 | 3388 | 17 | 238 | 3 | 0 | 0 |
| | SH | 0 | 0 | 1001 | 16 | 29 | 2 | 6 | 2 |
| 2000 | GN | 19 | 4 | 2521 | 17 | 8190 | 19 | 184 | 3 |
| | SH | 0 | 0 | 282 | 12 | 544 | 8 | 54 | 11 |
| 2001 | GN | 2 | 1 | 1034 | 11 | 9380 | 19 | 88 | 12 |
| | SH | 0 | 0 | 244 | 13 | 383 | 9 | 37 | 11 |
| 2002 | GN | 3 | 3 | 2882 | 19 | 3660 | 13 | 40 | 11 |
| | SH | 7 | 2 | 284 | 19 | 218 | 15 | 84 | 19 |
| 2003 | GN | 0 | 0 | 3417 | 17 | 2484 | 9 | 37 | 6 |
| | SH | 0 | 0 | 219 | 18 | 118 | 6 | 32 | 11 |
| 2004 | GN | 0 | 3 | 3241 | 13 | 1991 | 8 | 78 | 6 |
| | SH | 0 | 0 | 448 | 13 | 218 | 13 | 28 | 7 |
| 2005 | GN | 0 | 0 | 2540 | 18 | 188 | 2 | 0 | 0 |
| | SH | 0 | 0 | 291 | 19 | 0 | 0 | 19 | 6 |
| 2006 | GN | 7 | 6 | 3487 | 19 | 6379 | 17 | 71 | 13 |
| | SH | 0 | 0 | 235 | 7 | 682 | 16 | 3 | 8 |
| 2007 | GN | 0 | 0 | 1084 | 8 | 1789 | 7 | 11 | 2 |
| | SH | 0 | 0 | 478 | 13 | 80 | 9 | 82 | 16 |
| 2008 | GN | 0 | 0 | 980 | 7 | 2013 | 9 | 18 | 7 |
| | SH | 0 | 0 | 61 | 3 | 274 | 14 | 10 | 1 |
| 2009 | GN | 0 | 0 | 1017 | 8 | 187 | 2 | 0 | 0 |
| | SH | 0 | 0 | 115 | 10 | 33 | 4 | 16 | 6 |
| 2010 | GN | 0 | 0 | 620 | 9 | 489 | 3 | 14 | 1 |
| | SH | 8 | 4 | 17 | 3 | 0 | 0 | 1 | 1 |
| 2011 | GN | 0 | 0 | 875 | 7 | 1070 | 6 | 7 | 6 |
| | SH | 0 | 0 | 109 | 4 | 117 | 9 | 0 | 9 |
| AVG 90-99 | GN | 3 | 1 | 2380 | 13 | 2882 | 19 | 80 | 8 |
| | SH | 1 | 0 | 388 | 12 | 288 | 19 | 80 | 9 |
| TOTAL | | 3 | 2 | 2549 | 25 | 3149 | 29 | 80 | 15 |
| AVG 00-09 | GN | 194 | 17 | 2840 | 28 | 8706 | 29 | 280 | 17 |
| | SH | 142 | 9 | 1271 | 15 | 240 | 8 | 128 | 11 |
| TOTAL | | 246 | 26 | 4116 | 43 | 8947 | 38 | 408 | 28 |
| AVG 00-09 | GN | 98 | 13 | 1877 | 23 | 8728 | 21 | 491 | 18 |
| | SH | 194 | 14 | 1383 | 21 | 247 | 7 | 289 | 16 |
| TOTAL | | 229 | 27 | 3221 | 44 | 8975 | 28 | 694 | 31 |

* BOAT DAYS are represented in 24-hour format.

** DAYS FISHING are represented in 24-hour format.

Table 33. Annual escapement data for Canadian Area I (2011 is preliminary).

| YEAR | SOCKEYE | COHO | PINK | CHUM | CHINOOK |
|-----------|---------|---------|-----------|--------|---------|
| 1970 | 26,500 | 24,050 | 432,650 | 24,800 | 800 |
| 1971 | 16,500 | 14,335 | 8,060 | 44,500 | 500 |
| 1972 | 17,500 | 26,150 | 329,900 | 8,600 | 1,000 |
| 1973 | 38,000 | 58,350 | 4,000 | 50,000 | 900 |
| 1974 | 39,000 | 97,100 | 201,400 | 41,800 | 1,000 |
| 1975 | 16,500 | 47,000 | 3,950 | 53,050 | 1,500 |
| 1976 | 40,900 | 153,500 | 285,050 | 53,500 | 700 |
| 1977 | 36,750 | 55,400 | 4,900 | 60,300 | 600 |
| 1978 | 20,300 | 61,250 | 217,500 | 56,200 | 600 |
| 1979 | 20,650 | 34,750 | 3,250 | 32,450 | 400 |
| 1980 | 33,200 | 17,140 | 290,795 | 14,768 | 600 |
| 1981 | 23,000 | 18,000 | 3,650 | 26,100 | 750 |
| 1982 | 28,500 | 35,250 | 362,000 | 70,800 | 1,400 |
| 1983 | 19,500 | 20,600 | 2,130 | 35,225 | 600 |
| 1984 | 18,500 | 28,850 | 1,213,900 | 52,775 | 300 |
| 1985 | 43,200 | 23,700 | 1,875 | 63,800 | 1,500 |
| 1986 | 13,500 | 32,900 | 838,500 | 82,500 | 500 |
| 1987 | 9,100 | 32,650 | 4,500 | 51,100 | 2,000 |
| 1988 | 23,600 | 28,900 | 566,100 | 29,950 | 2,200 |
| 1989 | 11,200 | 16,550 | 1,300 | 18,975 | 2,800 |
| 1990 | 200 | 10,270 | 1,389,560 | 4,700 | 2,000 |
| 1991 | 4,400 | 11,350 | 600 | 1,000 | 1,900 |
| 1992 | 12,100 | 8,200 | 994,800 | 6,300 | 2,000 |
| 1993 | 500 | 2,500 | 350 | 50,060 | 1,000 |
| 1994 | 8,700 | UNK | 647,000 | 32,150 | 2,000 |
| 1995 | 7,100 | UNK | 1,000 | 19,855 | 1,500 |
| 1996 | 19,300 | UNK | 2,924,000 | 6,725 | 3,000 |
| 1997 | 12,000 | UNK | UNK | 31,050 | 2,500 |
| 1998 | 14,000 | 38,400 | 747,200 | 32,100 | 3,000 |
| 1999 | 15,550 | 28,000 | 2,700 | 33,000 | 3,200 |
| 2000 | 19,200 | 22,600 | 465,000 | 13,520 | 3,600 |
| 2001 | 3,900 | 6,674 | 1 | 3,804 | UNK |
| 2002 | 9,850 | 13,474 | 939,003 | 7,000 | 3,500 |
| 2003 | 7,500 | 2,538 | UNK | 34,081 | 4,000 |
| 2004 | 10,000 | 719 | 177,500 | 4,000 | UNK |
| 2005 | 5,000 | 1,500 | UNK | 1,650 | 5,000 |
| 2006 | 27,200 | UNK | 250,250 | 18,300 | 5,000 |
| 2007 | 8,500 | UNK | UNK | 1,950 | 5,000 |
| 2008 | 9,100 | UNK | 607,750 | 600 | 5,000 |
| 2009 | 7,500 | UNK | UNK | 35,520 | UNK |
| 2010 | 18,025 | UNK | 1,135,000 | 200 | UNK |
| 2011 | 7,000 | UNK | UNK | 25,400 | UNK |
| AVG 70-79 | 27,260 | 57,189 | 148,865 | 42,520 | 820 |
| AVG 80-89 | 22,330 | 25,454 | 328,475 | 44,598 | 1,265 |
| AVG 90-99 | 9,385 | 16,453 | 745,248 | 21,694 | 2,210 |
| AVG 00-09 | 10,775 | 7,918 | 406,584 | 12,043 | 4,443 |

Table 34. Annual escapement data for Canadian Area 3 (2011 is preliminary).

| YEAR | SOCKEYE | COHO | PINK | CHUM | CHINOOK |
|-----------|---------|--------|---------|---------|---------|
| 1970 | 115,503 | 43,300 | 224,750 | 36,400 | 18,250 |
| 1971 | 247,524 | 44,325 | 136,525 | 28,825 | 17,000 |
| 1972 | 178,716 | 20,850 | 244,250 | 81,125 | 19,800 |
| 1973 | 284,682 | 9,400 | 70,796 | 66,025 | 3,550 |
| 1974 | 193,703 | 18,435 | 84,915 | 121,570 | 3,775 |
| 1975 | 70,874 | 15,410 | 141,758 | 30,950 | 6,025 |
| 1976 | 143,405 | 32,700 | 158,175 | 64,850 | 5,580 |
| 1977 | 400,371 | 36,605 | 229,155 | 57,775 | 9,060 |
| 1978 | 147,718 | 33,100 | 401,445 | 75,970 | 10,190 |
| 1979 | 212,944 | 18,655 | 50,625 | 42,313 | 8,180 |
| 1980 | 155,515 | 22,405 | 130,777 | 54,794 | 9,072 |
| 1981 | 255,818 | 34,429 | 204,425 | 16,508 | 7,925 |
| 1982 | 306,070 | 31,055 | 427,135 | 29,476 | 6,575 |
| 1983 | 185,150 | 36,360 | 738,205 | 45,115 | 8,055 |
| 1984 | 182,450 | 67,650 | 531,035 | 67,425 | 12,620 |
| 1985 | 361,208 | 44,539 | 508,855 | 48,971 | 7,909 |
| 1986 | 187,281 | 34,910 | 375,245 | 34,900 | 17,375 |
| 1987 | 184,242 | 31,652 | 371,866 | 31,387 | 8,685 |
| 1988 | 136,760 | 10,551 | 185,085 | 47,050 | 7,370 |
| 1989 | 112,609 | 20,690 | 641,270 | 33,770 | 12,525 |
| 1990 | 155,472 | 38,510 | 154,968 | 30,980 | 12,103 |
| 1991 | 269,850 | 16,777 | 388,100 | 23,635 | 3,967 |
| 1992 | 645,954 | 16,118 | 196,808 | 15,684 | 16,415 |
| 1993 | 440,740 | 7,510 | 314,102 | 79,951 | 24,126 |
| 1994 | 179,262 | 15,329 | 155,356 | 33,199 | 2,440 |
| 1995 | 237,991 | 13,967 | 349,017 | 40,451 | 1,256 |
| 1996 | 219,825 | 11,613 | 344,860 | 22,900 | 2,619 |
| 1997 | 237,312 | 3,989 | 216,527 | 20,302 | 957 |
| 1998 | 193,810 | 9,781 | 151,940 | 138,480 | 1,268 |
| 1999 | 197,550 | 13,216 | 464,775 | 33,467 | 724 |
| 2000 | 138,042 | 17,339 | 322,990 | 20,718 | 1,111 |
| 2001 | 117,692 | 26,366 | 626,632 | 30,472 | 3,313 |
| 2002 | 338,879 | 30,224 | 588,264 | 17,813 | 4,367 |
| 2003 | 190,458 | 18,254 | 841,856 | 40,002 | 5,386 |
| 2004 | 141,913 | 15,062 | 542,500 | 54,033 | 4,383 |
| 2005 | 146,813 | 19,418 | 944,415 | 30,855 | 2,341 |
| 2006 | 149,598 | 15,644 | 129,050 | 43,975 | 7,512 |
| 2007 | 113,637 | 9,181 | 589,059 | 17,225 | 3,584 |
| 2008 | 155,880 | 12,383 | 58,676 | 14,583 | 7,632 |
| 2009 | 179,652 | 17,262 | 640,955 | 20,680 | 3,608 |
| 2010 | 163,317 | 14,958 | 256,789 | 10,885 | 2,210 |
| 2011 | 190,412 | 3,081 | 64,626 | 9,879 | 4,548 |
| AVG 70-79 | 199,544 | 26,978 | 174,238 | 60,420 | 10,142 |
| AVG 80-89 | 206,708 | 33,424 | 411,388 | 40,940 | 9,821 |
| AVG 90-99 | 277,778 | 14,681 | 273,645 | 43,935 | 6,588 |
| AVG 00-09 | 168,154 | 18,113 | 549,440 | 29,037 | 4,325 |

Table 35. Annual escapement data for Canadian Area 4 (2011 is preliminary).

| YEAR | SOCKEYE | COHO | PINK | CHUM | CHINOOK |
|-----------|-----------|--------|-----------|---------|---------|
| 1970 | 678,652 | 84,725 | 971,800 | 10,890 | 21,150 |
| 1971 | 821,850 | 75,795 | 1,173,381 | 5,232 | 18,500 |
| 1972 | 697,237 | 57,514 | 1,765,154 | 36,920 | 20,651 |
| 1973 | 820,196 | 41,292 | 1,260,186 | 25,476 | 40,341 |
| 1974 | 723,898 | 38,798 | 367,605 | 14,102 | 31,576 |
| 1975 | 822,633 | 22,119 | 1,767,907 | 10,375 | 20,319 |
| 1976 | 575,590 | 32,891 | 693,850 | 11,071 | 13,053 |
| 1977 | 951,805 | 37,634 | 976,527 | 10,927 | 29,018 |
| 1978 | 424,075 | 49,963 | 724,597 | 8,153 | 22,676 |
| 1979 | 1,166,236 | 24,494 | 515,563 | 5,705 | 18,488 |
| 1980 | 542,164 | 31,587 | 745,367 | 25,007 | 23,400 |
| 1981 | 1,424,509 | 26,692 | 1,187,835 | 9,385 | 24,524 |
| 1982 | 1,140,737 | 24,521 | 739,247 | 4,626 | 16,990 |
| 1983 | 893,724 | 24,978 | 2,610,074 | 1,667 | 23,602 |
| 1984 | 1,055,215 | 50,409 | 1,037,698 | 29,764 | 35,864 |
| 1985 | 2,174,806 | 19,974 | 2,042,150 | 12,198 | 52,407 |
| 1986 | 716,312 | 54,587 | 2,323,944 | 12,780 | 59,719 |
| 1987 | 1,324,128 | 32,739 | 3,180,414 | 7,652 | 60,948 |
| 1988 | 1,417,543 | 11,293 | 828,090 | 108,921 | 68,307 |
| 1989 | 1,137,994 | 44,126 | 4,675,527 | 20,331 | 57,192 |
| 1990 | 989,566 | 76,662 | 2,611,520 | 6,343 | 55,541 |
| 1991 | 1,232,568 | 52,544 | 4,797,937 | 4,680 | 52,792 |
| 1992 | 1,550,109 | 34,703 | 821,950 | 11,290 | 67,118 |
| 1993 | 1,629,426 | 23,192 | 663,888 | 10,052 | 68,286 |
| 1994 | 1,026,816 | 33,830 | 242,285 | 7,967 | 22,611 |
| 1995 | 1,720,292 | 16,293 | 1,641,489 | 7,928 | 34,390 |
| 1996 | 1,727,147 | 14,759 | 2,025,648 | 8,404 | 73,684 |
| 1997 | 985,097 | 6,333 | 484,476 | 22,250 | 42,539 |
| 1998 | 521,417 | 39,044 | 272,871 | 14,664 | 46,774 |
| 1999 | 624,366 | 71,787 | 1,095,352 | 2,650 | 43,775 |
| 2000 | 1,394,177 | 29,922 | 260,481 | 4,650 | 51,804 |
| 2001 | 1,508,045 | 74,254 | 1,017,612 | 8,620 | 81,504 |
| 2002 | 610,851 | 46,129 | 232,451 | 3,060 | 44,771 |
| 2003 | 1,211,762 | 50,484 | 1,517,355 | 1,782 | 56,758 |
| 2004 | 923,187 | 32,303 | 653,350 | 2,020 | 39,552 |
| 2005 | 704,559 | 77,732 | 1,213,770 | 2,335 | 29,496 |
| 2006 | 1,172,699 | 50,332 | 116,367 | 685 | 36,682 |
| 2007 | 1,042,717 | 26,792 | 632,243 | 474 | 37,054 |
| 2008 | 867,676 | 33,145 | 69,898 | 510 | 34,615 |
| 2009 | 667,603 | 88,215 | 2,515,312 | 1,330 | 36,476 |
| 2010 | 662,755 | 44,956 | 325,404 | 1,117 | 42,339 |
| 2011 | 676,086 | 26,614 | 252,219 | 3,264 | 37,073 |
| AVG 70-79 | 768,217 | 46,523 | 1,021,657 | 13,885 | 23,577 |
| AVG 80-89 | 1,182,713 | 32,091 | 1,937,035 | 23,233 | 42,295 |
| AVG 90-99 | 1,200,680 | 36,915 | 1,465,742 | 9,623 | 50,751 |
| AVG 00-09 | 1,010,328 | 50,931 | 822,884 | 2,547 | 44,871 |

Table 36. Annual escapement data for Canadian Area 5 (2011 is preliminary).

| YEAR | SOCKEYE | COHO | PINK | CHUM |
|-----------|---------|--------|---------|--------|
| 1970 | 23,750 | 10,600 | 139,850 | 12,250 |
| 1971 | 55,225 | 9,975 | 80,761 | 25,625 |
| 1972 | 24,400 | 21,820 | 280,725 | 17,725 |
| 1973 | 32,425 | 18,000 | 56,375 | 18,975 |
| 1974 | 43,925 | 18,450 | 337,075 | 34,025 |
| 1975 | 50,000 | 33,000 | 170,375 | 10,075 |
| 1976 | 19,050 | 21,475 | 348,450 | 19,625 |
| 1977 | 11,400 | 25,410 | 110,275 | 32,170 |
| 1978 | 28,650 | 18,650 | 264,850 | 13,775 |
| 1979 | 16,000 | 17,275 | 43,000 | 13,950 |
| 1980 | 16,800 | 11,525 | 225,825 | 9,350 |
| 1981 | 16,000 | 18,025 | 121,850 | 3,120 |
| 1982 | 19,450 | 2,620 | 70,300 | 7,370 |
| 1983 | 12,450 | 4,300 | 81,025 | 4,596 |
| 1984 | 17,150 | 8,175 | 162,450 | 6,830 |
| 1986 | 37,250 | 4,350 | 177,075 | 11,765 |
| 1986 | 25,000 | 22,289 | 313,900 | 16,450 |
| 1987 | 26,550 | 6,000 | 127,950 | 10,175 |
| 1988 | 33,400 | 7,775 | 162,000 | 12,750 |
| 1989 | 21,900 | 1,000 | 178,500 | 4,750 |
| 1990 | 5,676 | 5,006 | 202,244 | 3,607 |
| 1991 | 32,035 | 2,981 | 70,160 | 4,113 |
| 1992 | 22,895 | 3,982 | 41,161 | 731 |
| 1993 | 33,150 | 1,925 | 39,475 | 1,795 |
| 1994 | 6,800 | 800 | 44,725 | 870 |
| 1995 | 8,700 | UNK | 90,900 | 3,880 |
| 1996 | 24,100 | UNK | 270,100 | 3,200 |
| 1997 | 28,400 | 500 | 68,750 | 2,260 |
| 1998 | 10,450 | 900 | 161,250 | 9,250 |
| 1999 | 23,500 | 1,150 | 313,450 | 900 |
| 2000 | 22,600 | 800 | 278,150 | 1,070 |
| 2001 | 21,500 | 323 | 395,650 | 3,080 |
| 2002 | 9,700 | 1,400 | 409,810 | 4,965 |
| 2003 | 42,850 | 1,010 | 233,825 | 4,110 |
| 2004 | 18,200 | 355 | 88,330 | 2,670 |
| 2006 | 14,000 | 770 | 277,400 | 2,600 |
| 2006 | 22,600 | 285 | 31,880 | 2,575 |
| 2007 | 14,150 | 215 | 114,700 | 1,125 |
| 2008 | 2,900 | 650 | 29,080 | 2,226 |
| 2009 | 35 | 544 | 164,350 | 3,998 |
| 2010 | 5,232 | 1,179 | 40,704 | 1,273 |
| 2011 | 360 | 495 | 37,215 | 684 |
| AVG 70-79 | 30,483 | 19,466 | 183,174 | 19,820 |
| AVG 80-89 | 22,595 | 8,606 | 162,088 | 8,716 |
| AVG 90-99 | 19,571 | 2,156 | 130,222 | 3,061 |
| AVG 00-09 | 16,854 | 635 | 202,318 | 2,842 |

FIGURES

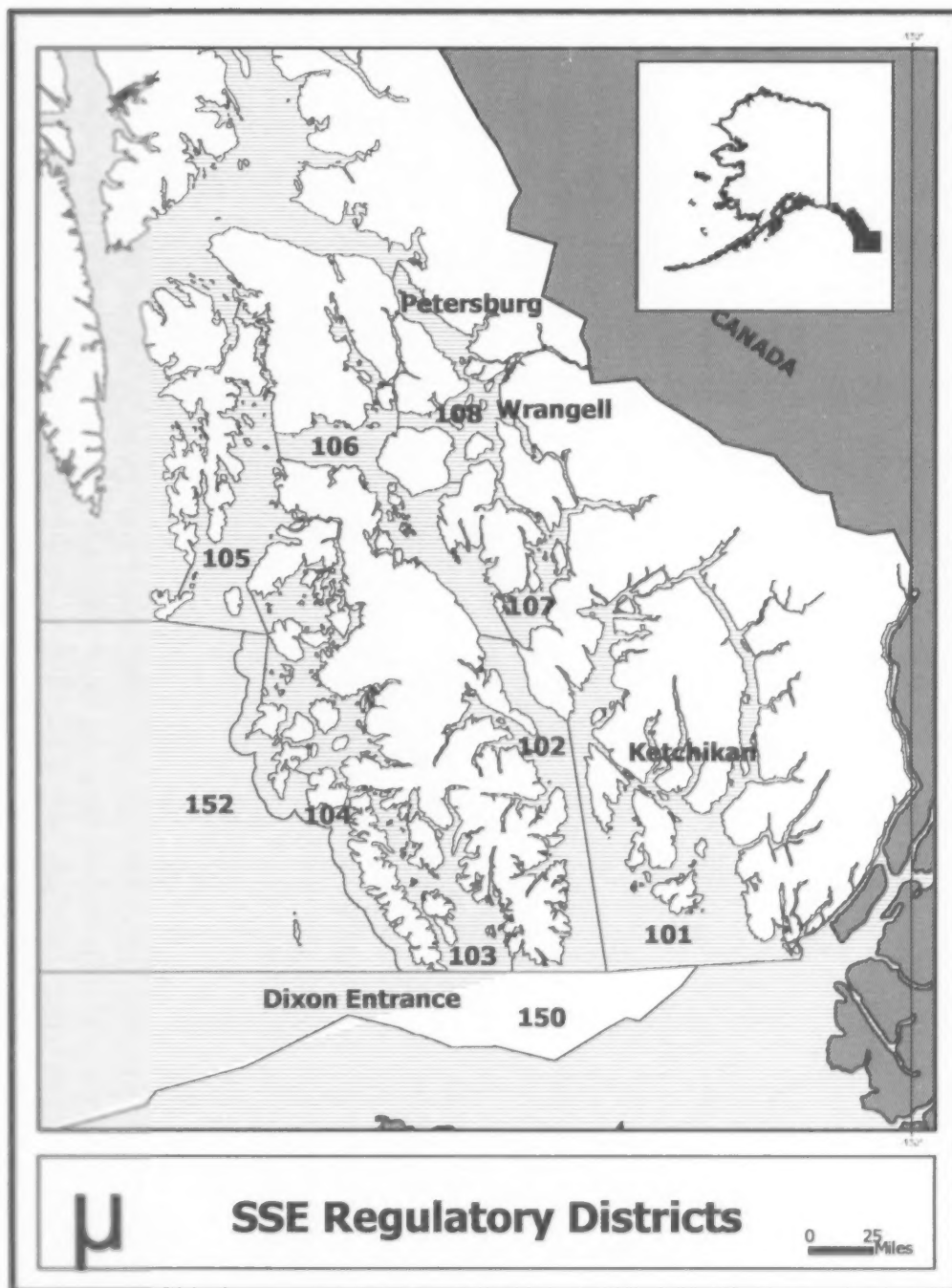


Figure 1. Alaska Department of Fish and Game Southern Southeast Alaska regulatory districts.

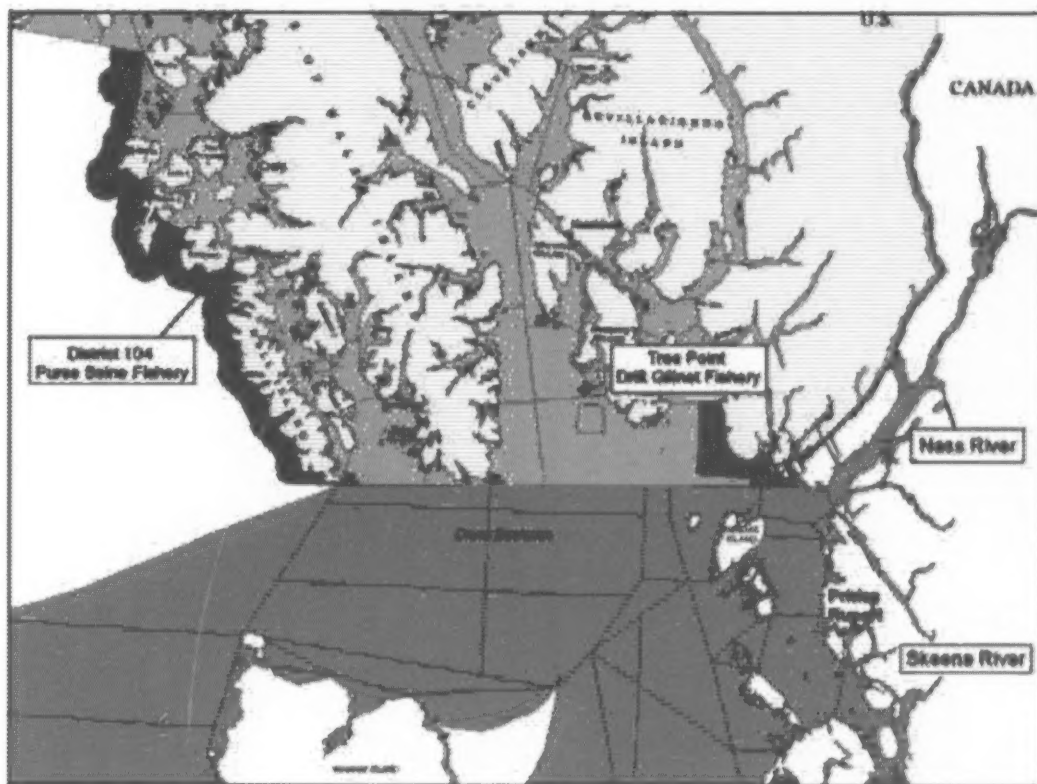


Figure 2. Alaska District 101 gillnet and District 104 treaty fisheries.

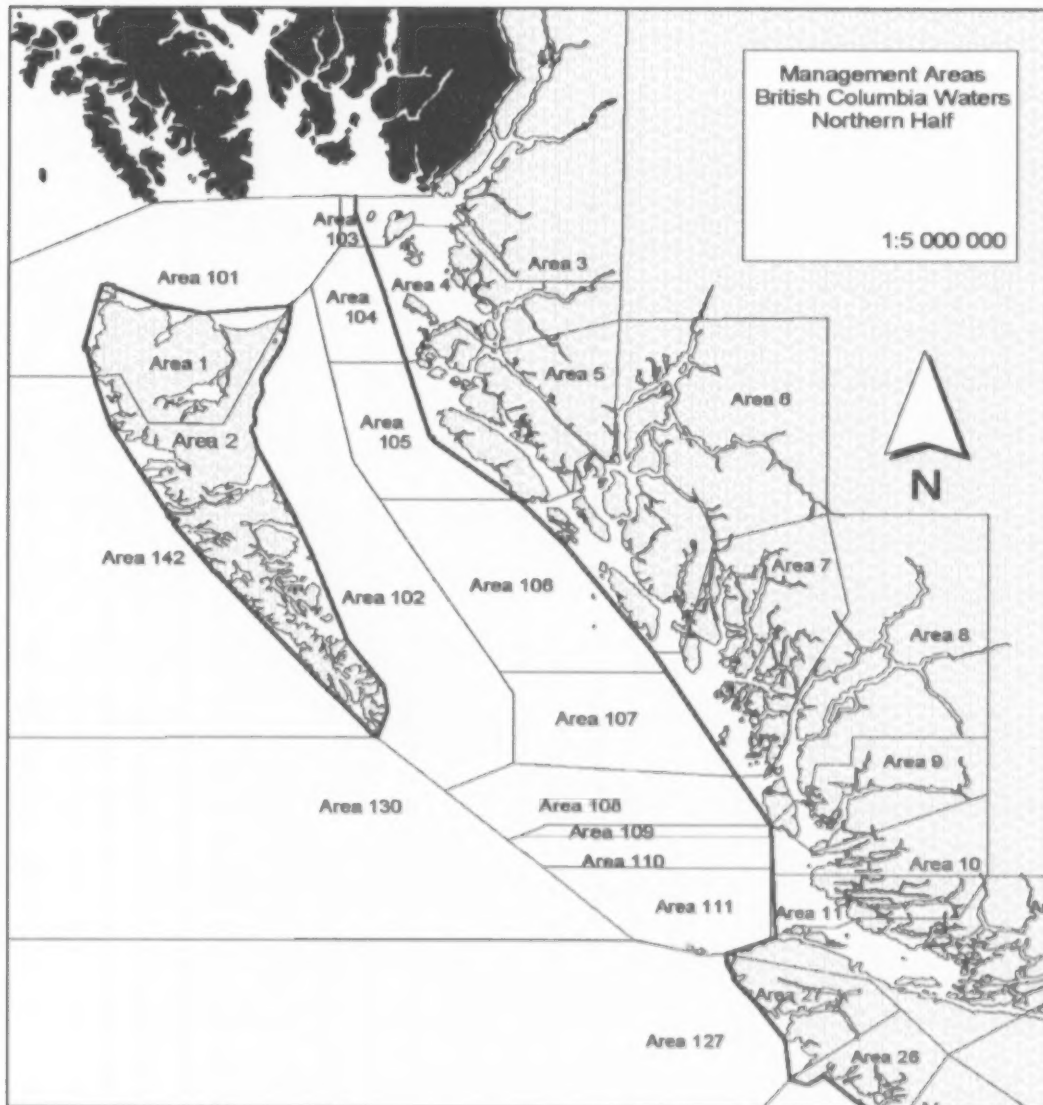


Figure 3. Canadian Department of Fisheries and Oceans Statistical Areas 1-10, Northern British Columbia.

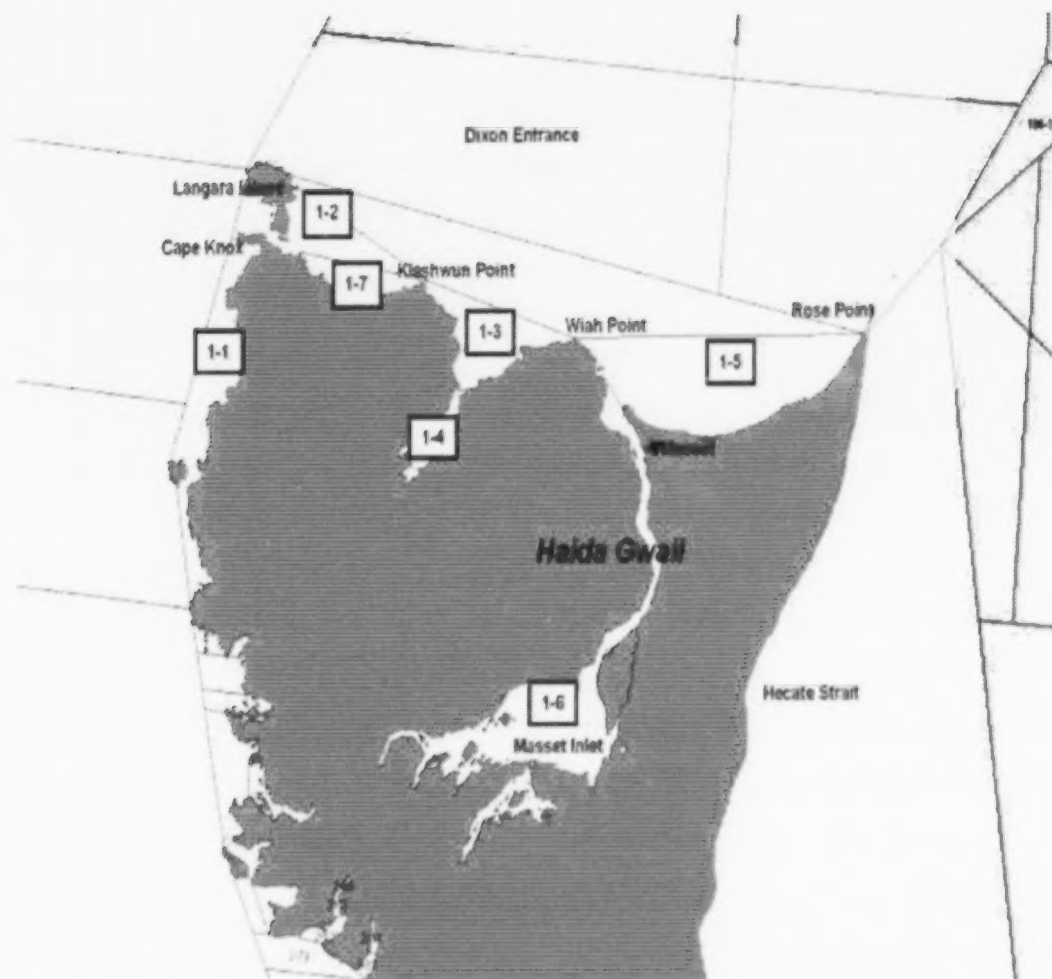


Figure 4. Canadian Department of Fisheries and Oceans Statistical Area 1 management sub-areas.

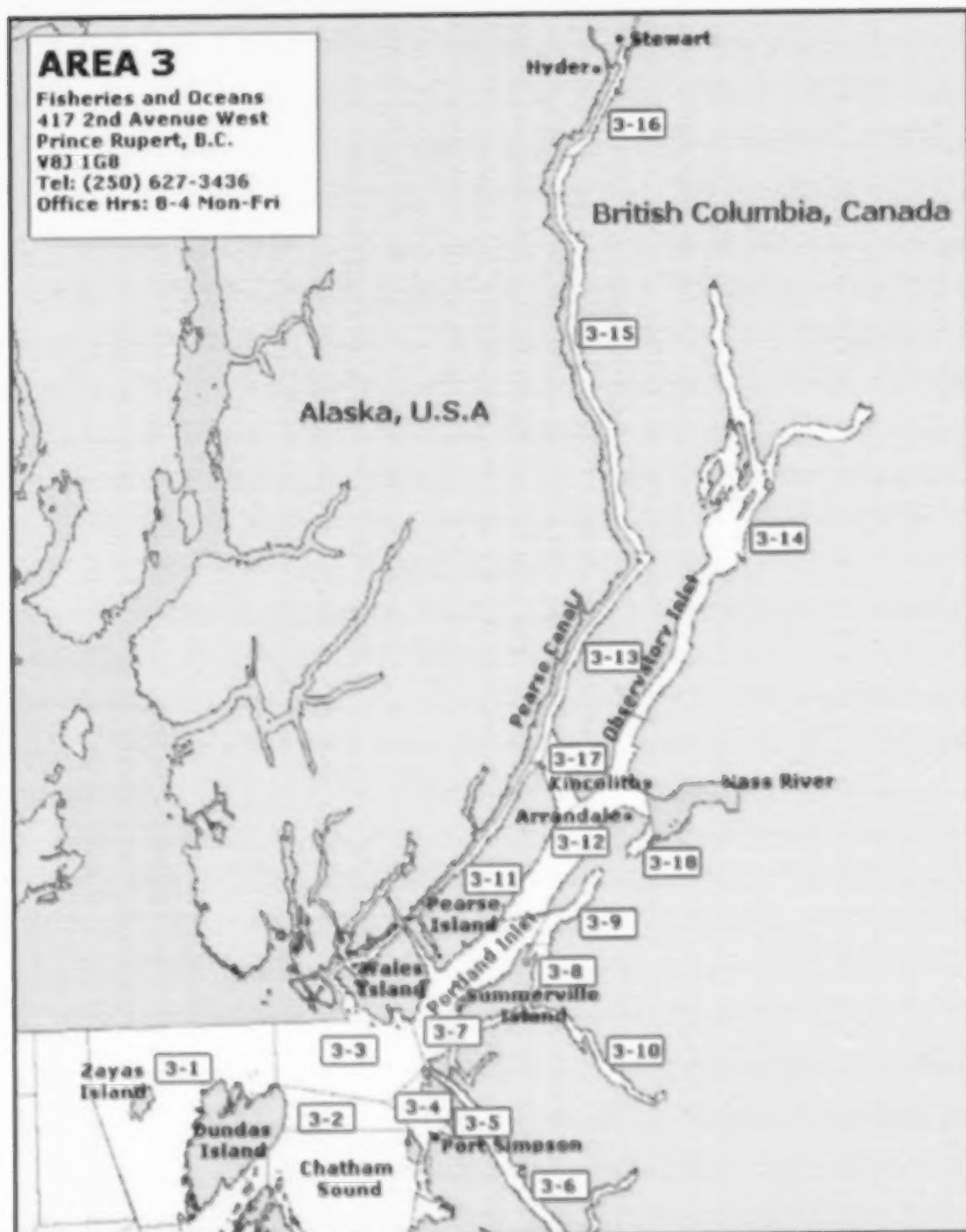


Figure 5. Canadian Department of Fisheries and Oceans Statistical Area 3 management sub-areas.

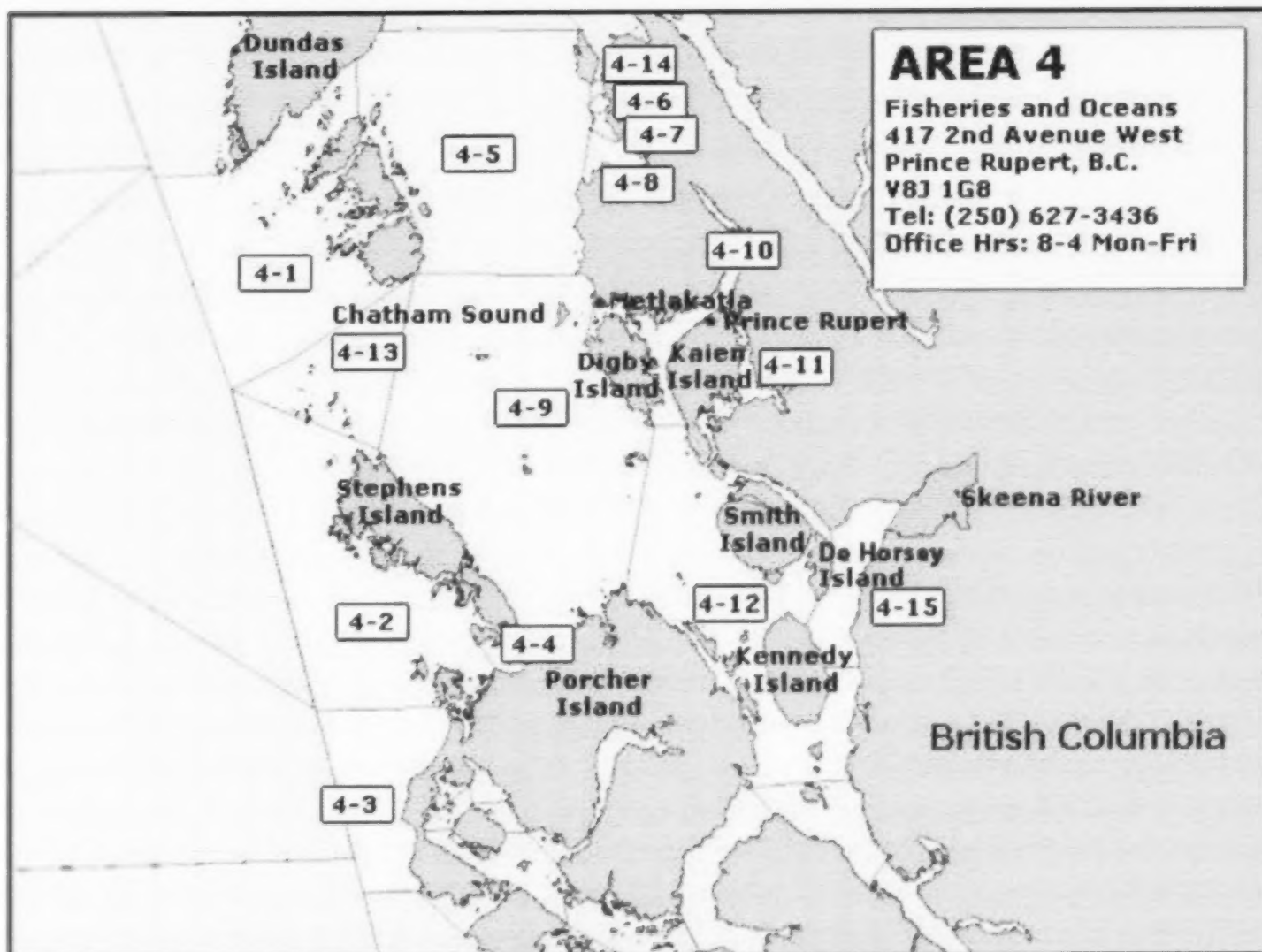


Figure 6. Canadian Department of Fisheries and Oceans Statistical Area 4 management sub-areas.

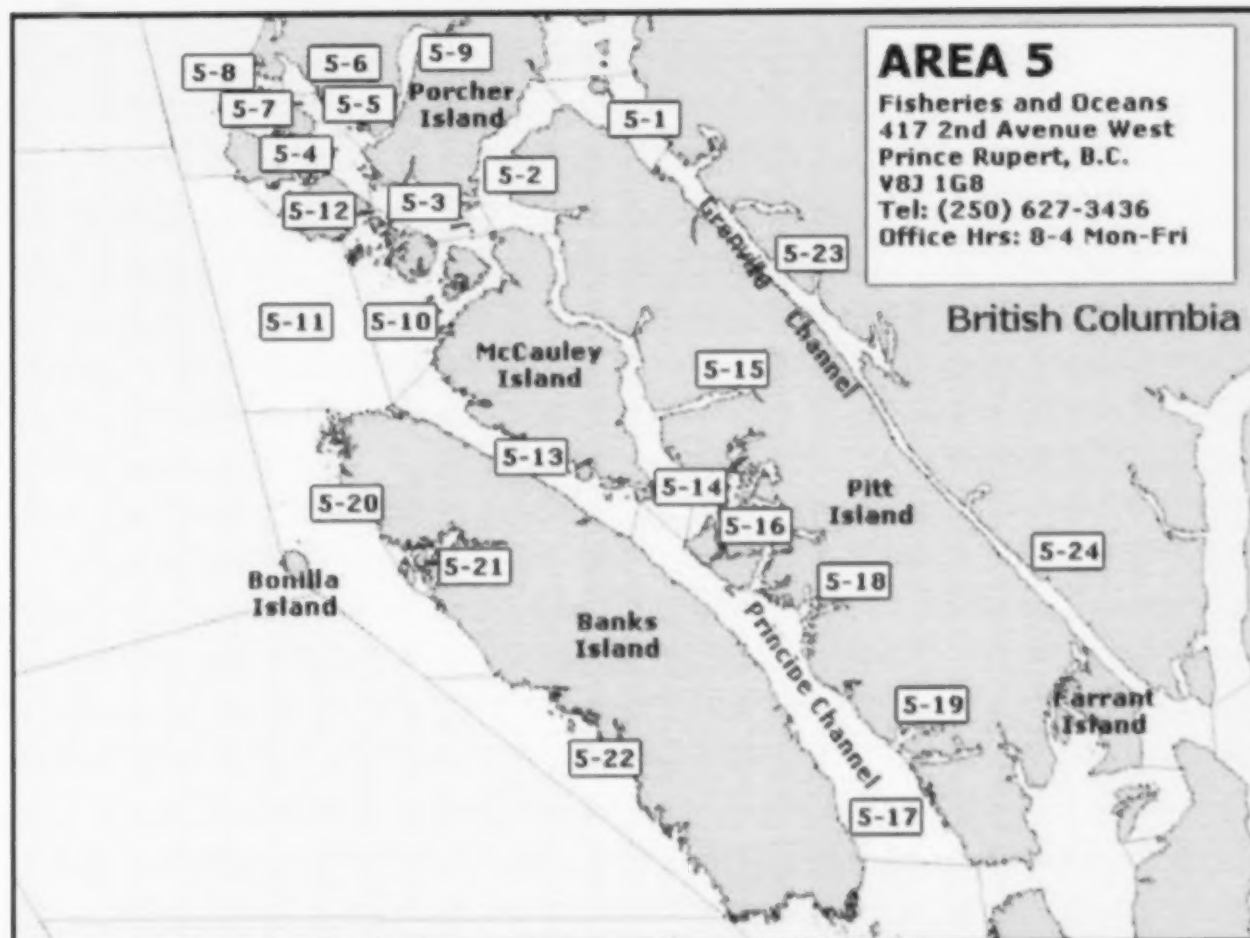


Figure 7. Canadian Department of Fisheries and Oceans Statistical Area 5 management sub-areas.